



**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Transpacific IP, Ltd.

Application No./Patent No.: 09/998,519 Filed/Issue Date: 11/27/2001

Entitled: HIGH-RESOLUTION SENSING METHOD FOR SCANNER

Transpacific IP, Ltd., a company  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Shih-Zheng Kuo To: Umax Data Systems, Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel 012340, Frame 0549, or for which a copy thereof is attached.
2. From: Umax Data Systems, Inc. To: Veutron Corporation  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: Veutron Corporation To: Transpacific IP, Ltd.  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

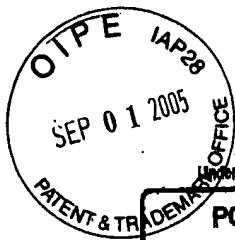
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

8/30/2005  
Date  
503.439.6500  
Telephone number

Steve J. Munson  
Typed or printed name  
[Signature]  
Signature  
Patent Attorney, Reg. No. 47,812  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/80 (04-05)

Approved for use through 11/30/2005. OMB 0851-0035

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number: 00043831

OR

☐ Practitioner(s) named below (If more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number: 00043831

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone			Email

Assignee Name and Address:

Transpacific IP, Ltd.  
14FL, No. 168  
Tun Hwa N. Road  
Taipei, Taiwan, ROC

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/88 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	25 AUGUST 2005
Name	Guy Proulx	Telephone	(415) 462-0315
Title	Authorized Person, Transpacific IP, Ltd.		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

BEST AVAILABLE COPY



行政院國家科學委員會科學工業園區管理局

Science Park Administration, National Science Council, The Executive Yuan, R.O.C.

新竹市新安路 2 號

2, Hsin Ann Rd., Hsinchu, Taiwan 30077, R.O.C.

Tel: 886-3-5773311

To whom it may concern:

This is to certify that Veutron Corporation is organized and incorporated in accordance with the provisions of the Company Law of the Republic of China and has been duly registered with the Administration as the following:

1. Name of Company : Veutron Corporation

2. Amount of Capital : The authorized capital is NT\$ 2,000,000,000.00 divided into 200,000,000 shares of NT\$10.00 each. The total paid-up capital is NT\$1,287,051,840.00

3. Name of Representative : Mr. Chong Jen Huang , Chairman of the Board

4. Location of Company: NO.1-1, R&D Rd. 2, Hsinchu Science Park, Hsinchu, Taiwan, R. O. C.

5. Date of Incorporation: Aug.12, 1987

6. Scope of Business:

CC01080 Electronic Parts and Components Manufacturing

CF01011 Medical Material and Equipment Manufacturing

F401010 International Trade

Research, development, manufacturing, and promotion of the following business items :

1. Optical Readers

2. Image Read-head and its Relevant Components

3. Computer Application Software and Hardware System

4. PC and Peripheral

5. Digital Still Camera

6. Development of Image Application System and Software

7. Multifunction Color Fax Machine

8. Color Printer (300 dpi and above)

9. Blood Sugar Determining Instrument

10. Black-light Modules of LCD Monitor and its Relevant Components

7. Unified Business No.: 22624873

Given under my hand and official seal on the 10th day of June, 2005.

JAMES J. LEE

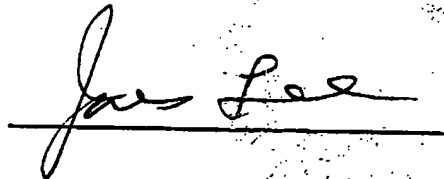
Director General

Science Park Administration

**Date : Feburary 22 , 2005**

**To Whom It May Concern :**

**This is to certify that "UMAX DATA SYSTEMS INC."**  
**(力廣科技股份有限公司) has changed its English name**  
**into "VEUTRON CORPORATION ". The change has**  
**been approved and duly registered by this Administration on**  
**October 29, 2002.**

A handwritten signature in black ink, appearing to read 'James Lee', is written over a horizontal line.

**James Lee**

**Director General**

**Science Park Administration**

**Exhibit B**

**ASSIGNMENT OF PATENT RIGHTS**

1. For good and valuable consideration, the receipt of which is hereby acknowledged, Veutron Corporation, a company organized and existing under the laws of the Republic of China having offices at No.1-1, R&D Rd. 2, Science-based Industrial Park, Hsinchu, Taiwan, R.O.C. ("**Assignor**"), does hereby sell, assign, transfer and convey unto Transpacific IP, Ltd., a company organized and existing under the laws of the Republic of China with its office as at 14Fl., No. 168, Tun Hwa N. Road, Taipei, Taiwan, R.O.C. ("**Assignee**") or its designees, all of Assignor's right, title and interest in and to the patent applications and patents listed in **Attachment I**, any patents, registrations, or certificates of invention issuing on any patent applications listed below, the inventions disclosed in any of the foregoing, any and all counterpart United States, international and foreign patents, applications and certificates of invention based upon or covering any portion of the foregoing, and all reissues, re-examinations, divisionals, renewals, extensions, provisionals, continuations and continuations-in-part of any of the foregoing (collectively "**Patent Rights**").
2. Assignor represents, warrants and covenants that: (i) it is the sole owner, assignee and holder of record title to the Patent Rights identified above, (ii) it has obtained and properly recorded previously executed assignments for all patent applications and patents identified above as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction, (iii) it has full power and authority and has obtained all relevant consents and authorizations to make the present assignment; and (iv) none of the Patent Rights have been or are currently involved in any reexamination, reissue, interference proceeding, invalidation proceedings or any similar proceeding and that no such proceedings are pending or threatened. Assignor shall indemnify and hold harmless Assignee for any breach of the foregoing.
3. Assignor further agrees to and hereby does sell, assign, transfer and convey unto Assignee all rights, title and interest it has: (i) in and to the Patents, including without limitation, all rights of Assignor to collect royalties under such Patents; (ii) in and to all causes of action and enforcement rights, whether currently pending, filed, or otherwise, for the Patents, including without limitation all rights to pursue damages, injunctive relief and other remedies for past, current and future infringement of the Patents.
4. Assignor will, at the reasonable request of Assignee, execute and deliver such other instruments and do and perform such other acts and things as may be necessary or desirable for effecting completely assignment of Patents, including without limitation execution, acknowledgment and recordation of other such papers, and using best efforts to obtain the same from the respective inventors, as necessary or desirable for fully perfecting and conveying unto Assignee the benefit of the assignment of Patents contemplated hereby.
5. The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Taipei, Taiwan on  
July 6, 2005.

ASSIGNOR  
VEUTRON CORPORATION

By: Edmond Hsu  
Name: EDMOND HSU  
Title: PRESIDENT

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
6771408		Optical lens device of image scanner	US	12/19/2002	A
6765615		Apparatus for reducing exposing time of an image processing system	US	11/15/1999	A
6703604		Scanning method for detecting documents	US	11/9/2001	A
6703597		Method for resolving photoelectron coupling in staggered charge-coupled device	US	12/4/2001	A
6697182		Optical system of a scan device	US	12/11/2002	A
6693730		Increasing scanning resolution through driving system control	US	3/3/2000	A
6687027		Parallel driving mechanism for optical chassis	US	10/26/2000	A
6680678		Circuit layout arrangement for key switch signal recognition	US	2/7/2001	A
6678077		Multi-direction opening lid structure	US	10/6/2000	A
6678074		Changeable resolution apparatus and method for optical scanner	US	10/6/2000	A
6674921		Method of image sampling and apparatus thereof	US	7/28/2000	A
6674560		Optical lens of optical scanner	US	5/16/2003	A
6674552		Scanner having synchronization dynamic random access memory scanner and its related memory access method	US	11/13/2000	A
6667818		Multiple-field sensor for scanning system	US	10/23/2000	A
6661588		Objective lens anti-shock adjustment device	US	8/22/2002	A
6661541		Closed circuit control device for scanner	US	4/4/2000	A
6657752		Installation for improving a scanning range of scanner along an axial direction of a light source	US	3/24/2000	A
6655680		Document sensor and sensing method	US	6/11/2002	A
6655596		SCANNING APPARATUS UTILIZING GRAVITY ACCELERATION FOR SCANNING	US	1/25/2002	A
6651971		Paper collecting device	US	1/11/2002	A
6650444		Apparatus compensating a scanned object for optical characteristics according to light sources of different wavelengths	US	9/19/2000	A
6650442		Multiple non-directional scanning	US	7/17/2000	A
6650432		Method and user interface for performing an automatic scan operation for a scanner coupled to a computer system	US	10/13/1999	A
6648483		Concave mirror optical system for scanner	US	7/7/2000	A
6647402		Process for generating a serial number from random numbers	US	9/5/2000	A

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
6646770		Light-emitting diode light source control method	US	3/26/2002	A
6646769		Light source mechanism for an imaging apparatus	US	6/21/2000	A
6644650		Automatic document feeding apparatus	US	8/31/2000	A
6643036		Installation for increasing usable range along axial direction of light source	US	5/2/2000	A
6642511		MOUNTING APPARATUS FOR OPTICAL SENSOR HAVING SCREW PILES WITH ANNULAR FITTING BOARDS	US	6/13/2002	A
6641272		Module of reflection mirrors of L-shape	US	5/8/2002	A
6639694		Imaging apparatus with divers resolution	US	9/5/2000	A
6637663		Scanning apparatus with the appearance of pen	US	4/10/2002	A
6637654		Scan device with elastic reserve type and its scan method	US	12/7/2001	A
6631507		Timing signal generation for charge-coupled device	US	9/27/2001	A
6628416		Method and user interface for performing a scan operation for a scanner coupled to a computer system	US	10/13/1999	A
6626360		Carrier mechanism for supporting and moving traveling module	US	2/27/2001	A
6626057		Gear-shifting device for changing scanning speed of optical scanner	US	5/8/2000	A
6619807		Modularized light-guiding apparatus and manufacturing method	US	12/7/2001	A
6616136		Friction plate coupling structure	US	5/9/2002	A
6615290		End-of-scan reporting system	US	1/7/2000	A
6615115		Method of reducing scanning discontinuity	US	7/21/2000	A
6614561		Installation for increasing a scanning range of a scanner along an axial direction of a light source	US	3/30/2000	A
6608301		Single step multi-section exposure scanning method	US	7/31/2001	A
6607191		Paper-separating mechanism	US	3/14/2002	A
6603613		Reflection lens support structure	US	8/27/2001	A
6600578		Bi-directional transmission mechanism and method for an image scanner	US	12/21/1999	A
6587247		Optical lens of optical scanner	US	8/3/2001	A
6576840		Structure for protecting and guiding flat cable of traveling module	US	9/9/1999	A
6575600		Optic reflection device	US	12/22/2000	A



### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
6575453		Pressure-adjustable mechanism for paper feeding roller of automatic paper feeder	US	11/6/2001	A
6567191		Locating structure for locating a transparency illumination module on an object focal plane of a dual-mode optical scanning device	US	11/22/1999	A
6555854		Charge coupled device with multi-focus lengths	US	4/25/2001	A
6552835		Reflective and penetrative scanning apparatus	US	11/30/2000	A
6550761		Integrated paper presser and stopper for automatic paper feeder	US	11/6/2001	A
6535649		Dynamic calibration method	US	5/11/1999	A
6535305		Transmission mechanism for optical scanner	US	1/12/2000	A
6532084		Method for detecting the relative location of an image reading head and a light source	US	7/22/1999	A
6525503		Drive mechanism of scanner	US	12/19/2000	A
6522428		Structure of foldable optical path	US	6/4/2002	A
6515780		Method enabling a scanning range of a normal scan to map a predetermined range selected under preview in a scanning device	US	12/11/2001	A
6507667		Color digital imaging apparatus having a rule-based hue-shift processor	US	12/29/1999	A
6507416		Brightness adjustable chassis for a scanner	US	4/26/1999	A
6494586		Back-light module with improved light projecting assembly for image scanning device	US	7/10/2001	A
6493075		Method to adjust the ranging of the modulation transfer function, MTF, of a sensing system	US	11/13/2000	A
6489601		Correction method for an image reading system	US	7/9/1999	A
6481860		Circular optical reflection apparatus	US	10/17/2000	A
6474554		MULTIPLE LIGHTSENSOR MODULE POSITION SCANNING METHOD	US	4/25/2001	A
6471203		Paper separating device of the automatic document	US	12/22/2000	A
6463238		Upper transparency cover	US	10/15/2001	A
6457110		Method of accessing synchronous dynamic random access memory in scanner	US	3/16/2001	A
6453140		Vibration inhibiting mechanism for scanner	US	8/24/2000	A
6452631		Method and apparatus for forming high contrast image in imaging system	US	10/31/1997	A
6445480		Image scanning device with switching mechanism for selectively scanning reflective and transparent document	US	12/28/2000	A
6433826		Adjusting mechanism for the lens set of an image	US	3/26/1998	A

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
6433328		Stray light attenuating device	US	8/7/2000	A
6426823		VIBRATION-PROOF DEVICE FOR OPTIC SOURCE ELEMENT OF UPPER TRANSPARENCY ADAPTER	US	1/11/2001	A
6421158		Optical scanning module with rotatable reflection mirror for image scanning device	US	12/27/2000	A
6417938		COLOR IMAGE SCANNING METHOD OF A CO	US	5/3/1999	A
6408138		Camera view-correction apparatus for taking pict	US	2/24/2000	A
6404938		Dummy clock control method and apparatus for a sequential I/O device	US	1/20/1999	A
6392774		Multiple position guiding lens image scanning me	US	7/26/2001	A
6384566		Motor combination system and method for operating as an induction motor or a stepping motor	US	8/23/2000	A
6384562		Scanner motor acceleration method	US	9/8/2000	A
6344916		Method and device for measuring depth of field	US	9/8/2000	A
6326607		Calibration device and method of a scanner	US	6/18/1999	A
6304343		Dust-proof mechanism for optical reflection module of image scanner	US	2/3/1999	A
6302597		Hidden viewfinder for camera	US	12/15/1999	A
6285483		Optical scanner	US	1/24/2000	A
6266090		Device for controlling a rotation of a lens in a digi	US	1/2/1998	A
6263117		Automatic image calibration method for a contact	US	10/13/1998	A
6252684		Automatic paper feeder including an upper light s	US	11/13/1998	A
6249368		Light source module for optical scanner	US	1/12/2000	A
6227449		Optical path folding apparatus for optical scanner	US	10/7/1999	A
6217179		Optical reflection panel	US	7/19/2000	A
6196855		Guiding mechanism for guiding flat cable between two traveling modules	US	8/13/1999	A
6069464		Driving apparatus for an image processing system	US	10/1/1998	A
6041105		Adapter circuitry for computers to support compu	US	9/1/1998	A
6005688		Batch scanning method for an image input system	US	6/23/1998	A
6002508		Optical scanner	US	11/13/1998	A
5988627		Paper-feeding apparatus	US	4/6/1998	A
5970262		Spring-free type focusing and defocusing mechanism for a digital camera	US	3/13/1998	A
5956436		Method for dynamically scanning an image	US	5/23/1997	A
5956085		Apparatus for increasing the sample frequency of	US	11/7/1996	A
5954327		Paper-feeding apparatus	US	4/6/1998	A
5945800		Apparatus and method for controlling a stepping	US	1/26/1998	A
5937088		Apparatus and method for improving memory usage of look-up table mapping	US	6/27/1996	A
5917618		Document moving transmission system for an op	US	6/6/1997	A

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
5912711		Apparatus for converting and scaling non-interlaced VGA signal to interlaced TV signal	US	5/9/1997	A
5907730		Moveable lens apparatus for digital camera	US	1/31/1998	A
5903364		Sheet-fed scanner with selectively variable document feed-in and feed-out positions	US	7/29/1997	A
5844574		System for enabling a CPU and an image processor to synchronously access a RAM	US	5/22/1995	A
5831749		Optical scanning apparatus	US	12/2/1996	A
5818973		Apparatus for digital correction in an image system	US	1/11/1996	A
5815759		Extended adjusting mechanism for the lens set of an optical scanner	US	3/26/1998	A
5815329		Tri-mirror multi-reflection optical path folding apparatus	US	9/13/1996	A
5793482		Multiple optical lens system with auto-focus calibration	US	2/4/1997	A
5784214		Transparent window glass holding structure for optical scanner	US	12/16/1996	A
5769515		Optical scanners with an improved chassis locking mechanism	US	12/16/1996	A
5742409		Apparatus for pixel insertion in optical scanners	US	10/18/1995	A
5737135		Opto-mechanical apparatus for moving and scanning in an optical system	US	12/18/1996	A
5734479		Method of calibrating an image for reducing shading	US	8/6/1996	A
5719386		High efficiency multi-image scan method	US	2/7/1996	A
5712720		Lens switching apparatus for dual-lens optical scanner	US	12/16/1996	A
5694315		Method for scanning multiple images in one scan	US	6/6/1995	A
5652665		Transparency adapter for flatbed scanners	US	9/8/1995	A
5633745		To drive the optical system independently by CPU in flatbed scanners	US	9/8/1995	A
5514864		Photo electric feedback compensation controlled	US	3/25/1994	A
5245179		Cylindrical color filter driver for an optical reader	US	10/8/1992	A
5,452,120		Lamp shade moving mechanism for transparency scanner	US	6/7/1994	A
5,469,303		Brightness compensation for a lamp shade in an optical scanner	US	6/7/1994	A
5,497,272		Lens switching device for multi-lens optical scanner	US	5/26/1994	A
5,537,240		Brilliance control apparatus of light source in an optical scanner	US	6/7/1994	A
D318,654		Image scanner	US	2/13/1989	A
D342,492		AUTOMATIC DOCUMENT FEEDER	US	6/3/1992	A
D348059		TRANSPARENCY SCANNER	US	1/14/1993	A
D365341		ROLLER TYPE GRAY SCALE SCANNER	US	6/29/1994	A
D365807		COMPUTER VIDEO INFORMATION CONVERTER	US	6/29/1994	A
D367495		COMPUTER IMAGE CONVERTER	US	5/5/1995	A
D368257		IMAGE SCANNER	US	5/5/1995	A
D369148		MINI COMPUTER VIDEO INFORMATION CONVERTER	US	5/5/1995	A
D369149		VIDEO FRAME GRABBER	US	4/4/1995	A
D370667		SCANNER	US	5/5/1995	A
D370893		WAVE SHAPED SCANNER	US	5/5/1995	A
D377168		Visual image scanner	US	9/14/1995	A

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
D382857		SCANNER	US	11/7/1995	A
D388067		PAPER DELIVERING SCANNER	US	12/27/1996	A
D388773		COMPUTER	US	11/8/1996	A
D389468		VISION IMAGE SCANNER	US	11/8/1996	A
D394047		PAPER DELIVERING SCANNER	US	7/1/1997	A
D394429		SLIDE SCANNER COVER	US	5/13/1997	A
D396216		COMPUTER	US	7/1/1997	A
D396704		SCANNER	US	7/29/1997	A
D397096		scanner	US	5/13/1997	A
D397106		SCANNER	US	11/8/1996	A
D400867		SCANNER	US	7/1/1997	A
D405066		APERTURE SELECTOR FOR CAMERA LENS	US	1/7/1998	A
D405067		Scanner	US	1/8/1998	A
D405068		Scanner	US	1/8/1998	A
D405069		Scanner	US	1/8/1998	A
D413584		Scanner	US	8/4/1998	A
93085		Amendment of the transmission system structure of the paper conveyer	TW	3/9/1994	A
151277		Amendment of optical scanner structure	TW	9/26/1996	A
139851		Digital image-reading device with rule-base color adjustment function	TW	11/24/1999	A
181014		Optical scanner with simultaneous double-side scan function	TW	11/11/1999	A
212479		Multi-stage device for compensating illuminant brightness	TW	6/14/2002	A
213282		A tube for decreasing the volume of the optical scan module	TW	6/26/2002	A
195706		Amendment of the device used in a scanner for restoring vision colors	TW	4/14/2000	A
189535		Optical scanner with an optical well	TW	3/22/2002	A
213279		Lens with the function of fall-proof	TW	6/14/2002	A
213290		Fine tuning device for avoiding from vibration used in a lens module	TW	7/24/2002	A
213543		Adjustable focusing module	TW	6/26/2002	A
213326		Light source module	TW	10/25/2002	A
213318		Scan module for preventing from light spreading	TW	10/11/2002	A
181017		Transmission machinery of an image-taking device	TW	11/30/1999	A
100372		Digital image signal compensation apparatus	TW	11/8/1995	A
182380		Expandable scanner	TW	1/18/2000	A
182381		Amendment of the connection construction of a light source assembly	TW	1/21/2000	A

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
144114		Method for enhancing scanning resolution by using a controlling transmission system	TW	1/15/2000	A
166632		Charge coupled device with multiple focal lengths	TW	4/13/2001	A
189674		Method and device for image treatment	TW	9/19/2001	A
189676		Method for treating instantaneous image compression	TW	10/18/2001	A
189681		Beam-focusing and beam-splitting devices of a light source module	TW	12/31/2001	A
213708		Masking frame of a fixing device of an optical lens	TW	5/2/2002	A
213771		Fixing device of a light source assembly	TW	5/31/2002	A
213791		Compensation device of a light source	TW	9/19/2002	A
101266		Multi-lenses switching apparatus	TW	3/3/1994	A
101266		First supplement of the multi-lenses switching apparatus	TW	5/25/1995	A
196479		Integrated module of an automatic paper deliverer and a back-light plate of an image scan apparatus	TW	12/6/1999	A
190291		Method for enhancing the resolution of a life sensor	TW	12/31/2002	A
190827		Digital camera with the functions of setting the light source and rectifying the colors	TW	9/2/1999	A
182164		Heat-dissipating apparatus of the light source assembly of an optical scanner	TW	2/25/2000	A
168617		Method for judging single scan or multiply scans	TW	11/13/2000	A
167150		Image scan apparatus	TW	4/3/2001	A
197502		Direct projection type of back-light module of an image scan apparatus	TW	5/28/2001	A
214687		Multi-stage lens-bearing apparatus	TW	9/20/2002	A
190901		Lens system with modulable curvature and the modulation method thereof	TW	10/25/2002	A
109151		Video input apparatus connectible to a computer and the method thereof	TW	8/28/1998	A
109263		Automatic correction method of a contact-typed image scan apparatus	TW	9/10/1998	A
182274		ear change apparatus of an optical scanner	TW	3/6/2000	A
167618		Automatic paper deliverer	TW	5/28/2001	A
168543		Method for enhancing the utility of defective memory devices applied in the image treatment system	TW	10/5/2001	A
190846		Complementary controlling circuit of a scanner	TW	8/31/2001	A

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
190878		Light source casting with high reflectivity	TW	7/16/2002	A
98166		Method for enhancing the resolution of the output image in an optical image scan system	TW	5/10/1997	A
183241		Improved power-saving module of a scanner	TW	5/30/2000	A
167301		Apparatus with optical compensation according to the wave lengths of different light sources	TW	9/11/2000	A
198740		Image-taking apparatus with multiple sense lines	TW	7/6/2001	A
168635		Method for correcting the light source's uniformity of a scanner and its back-light module	TW	3/19/2001	A
214683		Concave mirror apparatus of a scanner	TW	8/10/2001	A
215860		Light-machine apparatus of a scanner	TW	9/24/2002	A
190863		Method of fixing adjustable optical lens assembly and its structure	TW	3/11/2002	A
192537		Optical lens apparatus of an image scanner	TW	9/27/2002	A
190876		Clamping apparatus for non-circular lenses	TW	7/5/2002	A
99022		Digital camera with a separable lens	TW	12/26/1997	A
148161		Method for deciding correction position of a transparency scanner	TW	2/25/2000	A
148063		Method and apparatus for inputting characteristics of a scanner	TW	5/30/2000	A
168600		Method for driving the stepper motor of a scanner	TW	7/24/2000	A
169077		Method for a color sensor to balance the output of different color passageway	TW	12/12/2000	A
169123		Modulated wave guide and its manufacturing method	TW	5/25/2001	A
192816		Light source module of a scanner	TW	6/21/2002	A
192515		Lens module with adjustable magnification	TW	6/6/2002	A
192855		Light source with focusing function	TW	6/3/2002	A
216352		Luminescence apparatus of a scanner	TW	12/9/2002	A
216355		Light source module and a surface light source apparatus applying the light source module	TW	12/18/2002	A
185050		Transmission machinery of a scanner	TW	3/1/2000	A
148455		Auxiliary correction and positioning apparatus of a scanner and its method	TW	3/24/2000	A
192820		Optical path device of a curved mirror	TW	6/28/2002	A
154154		Optical scan apparatus	TW	8/25/1998	A
154635		Liquid crystal display with scan function	TW	9/30/1998	A
154171		Optical path device of a scanner	TW	5/11/1999	A

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
185374		Fine-tuning apparatus of the light source of an optical scanner	TW	5/16/2000	A
149373		Method of accelerating the motor of a scanner	TW	4/10/2000	A
216381		Light source module	TW	2/25/2003	A
148835		Method of combining the functions of warming and preview	TW	11/19/1999	A
185314		Light source module of an optical scanner	TW	11/9/1999	A
148850		Method of randomly generating serial numbers	TW	5/5/2000	A
150131		Method of starting a computer and then automatically scanning by using a scanner	TW	3/24/2000	A
171368		Scanning method by adjusting Y-axis's transformation function	TW	11/6/2000	A
196503		Linearly crisscrossed sensor array	TW	8/16/2002	A
196565		Image-taking plate	TW	8/8/2002	A
219630		Fixing apparatus of a lens	TW	10/9/2002	A
111354		Stepped and weighted correction apparatus of an image treatment system	TW	5/16/1997	A
150516		Automatic level adjustment apparatus	TW	6/29/2000	A
150076		Correction method of an image scan apparatus	TW	6/14/2000	A
150150		Method and apparatus of automatically focusing	TW	8/29/2000	A
197019		Light source module with uniform brightness	TW	7/1/2002	A
155523		Optical scan apparatus	TW	11/20/1998	A
151074		Controlling method of decreasing the discontinuity of a scan process	TW	4/26/2000	A
200568		Lighting apparatus with adjustable brightness	TW	4/27/2001	A
151245		Apparatus for decreasing time of exposure in an image treatment system	TW	11/11/1999	A
186881		System of enhancing the movement area of a light source	TW	12/18/1999	A
187251		Transmission machinery of an optical scanner	TW	7/7/2000	A
150340		Linear CMOS sensors	TW	1/20/2001	A
187218		Gear gap adjustment apparatus	TW	7/4/2001	A
197660		Light source module for a scan apparatus	TW	9/19/2002	A
155845		Shift correction machinery of a paper conveyer	TW	8/28/1998	A
111963		Brightness adjustment apparatus of a scan system	TW	11/24/1998	A
187346		Device for diminishing miscellaneous light	TW	6/30/2000	A
187293		Structure of multi-directional blind flange	TW	8/1/2000	A

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
151817		Scanner using intersected sensors and its scan method	TW	8/24/2000	A
177072		Apparatus and method of an image-taking system	TW	4/12/2001	A
177087		Elastic energy-storing type of Scan apparatus and its scan method	TW	6/22/2001	A
176966		Scan apparatus of saving compensation memory and its method	TW	6/8/2001	A
188036		Feedback control apparatus of the transmission system of a scanner	TW	6/8/2000	A
188037		can device	TW	6/22/2000	A
187997		Fixing structure of the document glass plate of a scanner	TW	8/15/2000	A
114455		Brightness control apparatus of an optical scanner	TW	5/19/1994	A
156659		Automatic paper conveyer with an upper light source	TW	9/11/1998	A
152803		Positioning method of a digital image-taking system and its apparatus	TW	9/30/1999	A
153537		CCD apparatus with internal buffers and its operation method	TW	8/4/2000	A
153483		Image scan method by setting sensor modules at different positions to scan images	TW	8/28/2000	A
188463		Compensation apparatus for two-side light sources	TW	9/4/2000	A
188390		Fixing apparatus of the scan carrier of a scanner	TW	8/15/2000	A
174217		Method for judging the stability of light source assembly	TW	8/10/2001	A
153857		Apparatus and method for performing calibration for CMOS sensors	TW	1/20/2001	A
154000		Scan apparatus directly connected to a website and its method	TW	9/16/2000	A
113302		Data compression method for an image-taking apparatus	TW	9/16/1998	A
154470		Round optical reflection apparatus	TW	2/2/2000	A
154210		Method of virtualizing the keyboard of a computer peripheral by using a computer's keyboard	TW	10/7/1999	A
154246		Apparatus for testing the distribution of the brightness of a light source	TW	9/5/2000	A
188941		Fixing structure of a scanner transmission system	TW	2/25/2000	A



**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
154232		Method for simply testing the depth of field	TW	6/23/2000	A
176494		Scanner using multi-sensors and its scan method	TW	8/17/2000	A
154244		Changeable background masking frame and its method	TW	8/21/2000	A
188958		Alignment apparatus of reflective and penetrative optical route in an image scan apparatus	TW	9/13/2000	A
188957		Simple glass-fixing apparatus	TW	9/13/2000	A
154523		Share method of the data bus of a scanner	TW	9/18/2000	A
189019		Facility for testing an optical system	TW	8/13/2001	A
70810		Application method for multiple parallel microprocessors	TW	11/11/1993	A
145763		Camera controlling apparatus with a rotatable lens	TW	10/3/1997	A
189440		Automatic paper conveyer	TW	4/20/2001	A
177326		Method for generating a clock for a charge-coupled device	TW	8/7/2001	A
146496		Movable lens apparatus of a digital camera	TW	8/28/1997	A
155139		Scanner which doesn't need the digital buffer	TW	8/4/2000	A
155141		System combining an inductance motor and a stepper motor and its operation method	TW	8/15/2000	A
189488		Recognition circuit structure with simple key signal	TW	10/24/2000	A
154993		Multi-resolutional adjustment apparatus	TW	10/16/2001	A
158403		Amended structure of an internal scanner	TW	4/21/1998	A
156366		Method and apparatus for correcting image magnification of a scanner	TW	8/1/2000	A
190158		Optical key input apparatus	TW	11/15/2000	A
204116		Back-lighted plate	TW	8/3/2001	A
158925		External-connected apparatus supporting computer telephone service	TW	8/10/1998	A
190231		Transmission apparatus of a scanner using an image detection element	TW	4/19/2000	A
178910		Optical engine with a reflective film and its manufacture method	TW	1/9/2001	A
156537		Height-adjustable pintle module	TW	8/23/2001	A
190265		Optical lens module of an optical scanner	TW	6/7/2001	A
178921		Feature structure of a lens and its fine-tuning machinery	TW	10/30/2001	A
157847		Structure for assembling the reflection lens of a scanner	TW	9/18/2000	A
157858		Focusing method of a testing plate in an image scan apparatus	TW	11/9/2000	A

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
157765		Transmission apparatus for correctly transmitting scanned data and its method	TW	11/13/2000	A
157852		Method of reading the synchronizative DRAM of a scanner	TW	10/5/2000	A
115498		Apparatus for treating image signals	TW	12/8/1997	A
115357		Apparatus for controlling the clock used in the output/input devices and its method	TW	12/21/1998	A
159727		Dust-proof machinery of the lens module of an image scan apparatus	TW	12/30/1998	A
157756		Apparatus and method for controlling the close circuit of a scanner	TW	1/26/2000	A
157638		Resolution-changeable optical scanner and its method	TW	8/18/2000	A
157761		Method for outputting the scanned objects with high resolution and its apparatus	TW	9/11/2000	A
157848		Method and apparatus for generating specially good images for a scanner	TW	9/22/2000	A
191175		Optical machinery adjustment apparatus	TW	10/17/2001	A
158734		Dynamic focusing method of an image scanning apparatus	TW	10/16/2000	A
158815		Method for reading identification values of the interface apparatus of a mini-computer system	TW	11/24/1997	A
158703		Transparently-induced electronic diaphragm and camera shutter	TW	3/9/1999	A
158742		Fine-tuning machinery of an optical scanner's lens and its fine-tuning method	TW	11/30/2000	A
158739		System and method for displaying the message of a scanner	TW	11/13/2000	A
206082		Image scanning apparatus using stimulated fluorescence as the top light source	TW	12/31/2001	A
160903		Driving device of an image treatment system	TW	9/4/1998	A
160756		Parallel driving machinery of an optical path apparatus	TW	8/17/1999	A
191994		Apparatus for testing adjustable optical system	TW	11/8/2001	A
207455		Indirectly-shining plane light source and light guide	TW	3/4/2003	A
207445		Light guide structure of a side-emitting back-light module	TW	4/21/2003	A
191670		Positioning structure of the transmission device of a scanner	TW	12/15/2000	A
162179		Manuscript-moving type of scanners	TW	1/29/1999	A
193265		Apparatus for adjusting an optical machinery	TW	10/30/2001	A
161105		Communication apparatus connecting a computer system and its peripheral, and its method	TW	11/30/2000	A
193302		Stripped screw locking device	TW	9/3/2001	A
161379		Apparatus and method for automatically generating films	TW	11/13/2001	A

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
162226		Scanner saving compensation time of download and its download method	TW	10/5/2000	A
184462		Clock control method for avoiding CCD from saturation	TW	12/10/2001	A
193969		Fast locking structure of a pulley	TW	12/14/2001	A
184469		Method for controlling LED light source	TW	12/31/2001	A
184563		Circuit module integrating a light source driver and an optical sensor	TW	4/23/2002	A
163113		Masking frame for an optical scanner	TW	4/18/1997	A
162493		Optical path device with multi-lenses	TW	3/12/1999	A
194330		Modulized internal scanner structure	TW	8/14/1998	A
163003		Correction apparatus and method for linear CMOS sensors	TW	1/20/2001	A
194422		Optical path device with the dust-proof function	TW	3/28/2001	A
194420		Optical scanner	TW	1/19/2001	A
194434		Dual-utility structure for a handle and a hanging object	TW	10/5/2001	A
163670		Apparatus and method of controlling a stepper motor	TW	1/19/1998	A
195194		Paper distribution device for an automatic paper conveyer	TW	11/10/2000	A
195037		Scanner apparatus with automatic paper conveyer	TW	3/22/2001	A
195070		Fixing structure of an optical lens	TW	7/24/2001	A
164076		Method of enhancing the scanning resolution	TW	3/6/2001	A
195333		Carrier structure of a moving module	TW	11/15/2000	A
164069		Image-taking apparatus with image compensation unit and method of compensating images	TW	2/7/2001	A
195542		Apparatus for isolating spiral pillars	TW	12/13/2001	A
164056		Light source structure of an optical scanner	TW	11/20/1998	A
121028		Pre-treatment method prior to scanning images	TW	4/6/1999	A
164245		Scanner with the function of uninterruptible Power	TW	11/26/1998	A
164309		Correction apparatus for the transmission thread	TW	3/30/1999	A
164502		Apparatus for enhancing the movement area of a scanner's light source	TW	12/18/1999	A
123172		Apparatus for adjusting the view-finding direction	TW	1/13/2000	A
166304		Modulized transparent scanning mask	TW	3/30/2000	A
110171		Apparatus for controlling opto-electric feedback compensation	TW	12/3/1993	A

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
124860		Correction method of an image-taking system	TW	6/24/1999	A
167788		Machinery with changeable optical path in an image scanning apparatus	TW	6/15/1999	A
124919		Method of optimizing scan quality	TW	3/16/1999	A
167420		Hook structure	TW	7/12/1999	A
167406		Optical path adjustment device of an optical system	TW	5/12/1999	A
167844		LCD display with a scanning function	TW	9/30/1998	A
125332		Method of testing the movement stability of a scanner	TW	6/17/1999	A
125621		Method and apparatus of enhancing scanner's resolution	TW	7/7/1998	A
168669		Manuscript movement machinery for an optical scanner	TW	4/8/1997	A
125945		Scanner's correction apparatus and its method	TW	2/26/1999	A
127476		Method of analyzing and testing the stability of a moving object	TW	3/29/1999	A
126531		Dynamic correction method	TW	5/6/1999	A
126710		Method of scanning images and correcting colors for a scanner	TW	1/8/1999	A
169007		Fixing apparatus for an optical path device	TW	5/28/1999	A
168899		Casing construction of a scanner	TW	7/30/1999	A
169163		Transmission machinery of an optical scanner	TW	9/2/1999	A
170314		Thread structure of the optical path module of a scanner	TW	5/31/1999	A
170318		Connection structure of a movement machinery	TW	6/29/1999	A
128732		Method of measuring the color difference for a color image scanner	TW	8/9/1999	A
170430		Machinery for restraining scanner's vibration	TW	8/27/1999	A
169938		Apparatus for integrating the top cover and the bottom cover of a scanner	TW	8/21/1999	A
153542		Apparatus and method for directly performing edition by transforming scanned image	TW	9/16/2000	A
174183		Scan head module	TW	4/12/2001	A
171418		Transmission apparatus for an optical scanner	TW	6/10/1999	A
173496		Optical path device of a scanner	TW	7/27/1999	A
131535		Method and system for speeding up scanning	TW	8/21/1999	A

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
132548		Method for enhancing scanner's resolution by using a lens with changeable diaphragm	TW	7/9/1999	A
173641		Optical scanner with adjustable resolution	TW	10/29/1999	A
78798		Three-dimensional image system	TW	7/31/1995	A
175943		Protection circuit for charging failure	TW	10/12/1999	A
175941		Matching circuit of the output of a charge coupled device	TW	10/8/1999	A
175839		Transmission machinery of an image scanning apparatus	TW	10/14/1999	A
175835		Switching apparatus for lenses	TW	6/8/1999	A
176535		Scan system having a light source with enhanced movement area	TW	12/18/1999	A
177820		Positioning structure for the penetration- and reflection-types of image scanners	TW	9/22/1999	A
138615		Apparatus and method for scanning gray scale images	TW	8/20/1999	A
139771		Image scanning method which sets up lenses at different positions in order to scan different images	TW	8/28/2000	A
180036		Construction of an optical reflection plate	TW	12/22/1998	A
180308		Optical scanner	TW	11/9/1999	A
180309		Transmission machinery of an optical scanner	TW	11/19/1999	A
141217		Method of informing the user that the scan has finished	TW	11/11/1999	A
180451		Film-fixing apparatus with a plastic blind flange	TW	11/11/1999	A
141703		Method for testing abnormal image	TW	1/6/2000	A
82667		Size correction method	TW	5/27/1994	A
120780		Scanner for transparencies	TW	5/5/1995	A
150520		Scanner with organic light-emitting diode	TW	7/24/2000	A
150315		Image sensing apparatus of many scanners	TW	6/23/2000	A
85303		Amended scanner whose inquiry table corresponds with its memory, and its method	TW	6/25/1996	A
86744		Batch scanning method on an image input system	TW	5/13/1996	A
89199		Optical mechanical system driven by CPU	TW	6/9/1995	A
90837		Method for a plenty amount of scans	TW	3/10/1995	A
96788		Automatic focusing apparatus for multi-lenses optical system	TW	1/31/1997	A
96449		Method and apparatus for building high contrast on an image system	TW	8/19/1997	A

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
97318		Non-squared CCD crystal structure for increasing sampling frequency of a scanner	TW	11/4/1996	A
140537		Focusing apparatus without using a spring	TW	12/12/1997	A
100636		Method for dynamically scanning	TW	7/7/1997	A
100933		Image correction method for decreasing bright and dark lines	TW	8/16/1996	A
155899		Digital image signal processing apparatus and method	TW	10/27/2000	A
I230544		Image scanner light source control method and apparatus	TW	7/25/2002	A
I230543		scanning method of pre-deteting document	TW	6/29/2001	A
I230336		Peripheral device having dual IO buses	TW	12/31/2002	A
allowed		Adjustable bio sensor control circuit and method	TW	6/5/2003	A
allowed		Test result automation detection method	TW	4/4/2003	A
127939		A method of determining the scanning position for an automatic paper deliverer	TW	8/20/1999	A
180369		A control and adjust method based on light strength	TW	10/16/2001	A
676458	75436/96	AN IMPROVEMENT OF TRANSPARENT WINDOW GLASS HOLDING STRUCTURE FOR AN OPTICAL SCANNER	AU	12/18/1996	B
694384	10154/97	APPARATUS FOR DIGITAL CORRECTION IN AN IMAGE SYSTEM	AU	1/14/1997	B
686550	30134/97	TRI-MIRROR MULTI-REFLECTION OPTICAL PATH FOLDING APPARATUS	AU	7/23/1997	B
691139	12506/97	APPARATUS AND METHOD FOR IMPROVING MEMORY USAGE OF LOOK-UP TABLE MAPPING	AU	2/4/1997	B
690508	31577/97	DUAL-MIRROR MULTI-REFLECTION OPTICAL PATH FOLDING APPARATUS	AU	7/28/1997	B
720177	75356/96	OPTO-MECHANICAL APPARATUS FOR MOVING AND SCANNING IN AN OPTICAL SYSTEM	AU	12/13/1996	B
681835	71714/96	APPARATUS FOR INCREASING THE SAMPLE FREQUENCY OF SCANNING	AU	11/8/1996	B
696786	71712/96	SEPARATELY WEIGHTED MULTI-SAMPLED IMAGE SIGNAL PROCESSING APPARATUS	AU	11/8/1996	B
676130	75435/96	LENS SWITCHING APPARATUS FOR DUAL-LENS OPTICAL SCANNER	AU	12/18/1996	B
732864	20168/97	APPARATUS FOR CONVERTING AND SCALING NON-INTERLACED VGA SIGNAL TO INTERLACED TV SIGNAL	AU	5/9/1997	B
682145	16396/97	TRANSPARENCY OPTICAL SCANNER	AU	3/19/1997	B
	15057/97	APPARATUS AND METHOD FOR COMPENSATING MOVING DISTORTION OF DIGITAL SCANNING	AU	3/3/1997	B
703614	12505/97	MULTIPLE OPTICAL LENS SYSTEM WITH AUTO-FOCUS CALIBRATION	AU	2/4/1997	B

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
686980	23487/97	LIGHT SHUTTER APPARATUS FOR AN OPTICAL SCANNER	AU	5/19/1997	B
687717	24725/97	DOCUMENT MOVING TRANSMISSION SYSTEM FOR AN OPTICAL SCANNER	AU	6/4/1996	B
686982	24726/97	WINDOW ASSEMBLY MECHANISM FOR AN OPTICAL SCANNER	AU	6/4/1997	B
	23623/97	APPARATUS OF AN IMAGE PROCESSING USING DISTINCTIVE WEIGHTED CONTROL	AU	5/26/1997	B
	35232/97	METHOD FOR IMPROVING THE IMAGE RESOLUTION IN AN OPTICAL IMAGE SCANNING SYSTEM	AU	8/21/1997	B
685728	23489/97	AUTO-FOCUS MECHANISM	AU	5/19/1997	B
	23622/97	METHOD FOR DYNAMICALLY SCANNING AN IMAGE	AU	5/26/1997	B
	33225/97	SHEET-FED SCANNER WITH SELECTIVELY VARIABLE DOCUMENT FEED-IN AND FEED-OUT POSITIONS	AU	8/7/1997	B
	33226/97	RECEPTACLE WITH WIDE-ANGLE HINGE STRUCTURE	AU	8/7/1997	B
	56357/98	A DEVICE FOR CONTROLLING A ROTATION OF A LENS IN A DIGITAL CAMERA	AU	2/27/1998	B
	52834/98	FIXATION DEVICE FOR THE CHASSIS OF AN OPTICAL SCANNER	AU	1/29/1998	B
	43700/97	METHOD AND APPARATUS FOR FORMING HIGH CONTRAST IMAGE IN IMAGE SYSTEM	AU	11/3/1997	B
691158	59418/98	PAPER-LOADING MECHANISM FOR A DOCUMENT DUPLICATING MACHINE	AU	5/7/1998	B
	52901/98	APERTURE SELECTOR FOR CAMERA LENS	AU	2/3/1998	B
	52902/98	CAMERA LENS FOCUSING APPARATUS	AU	2/3/1998	B
690512	52903/98	MOVEABLE LENS APPARATUS FOR DIGITAL CAMERA	AU	2/3/1998	B
681565	10140/97	IMAGE SIGNAL PROCESSING APPARATUS	AU	1/13/1997	B
747948	45089/97	METHOD FOR FETCHING IDENTIFICATION OF SCSI EQUIPMENT	AU	11/10/1997	B
	59417/98	ADJUSTING MECHANISM FOR THE LENS SET OF AN IMAGING SYSTEM	AU	3/19/1998	B
	71906/98	APERTURE SELECTION MECHANISM FOR CAMERA	AU	6/16/1998	B
	58373/98	A SPRING-FREE TYPE FOCUSING AND DEFOCUSING MECHANISM FOR A DIGITAL CAMERA	AU	3/11/1998	B
695646	71907/98	LENS MOVEMENT MECHANISM FOR DIGITAL CAMERA	AU	6/16/1998	B
	45146/97	DIGITAL CAMERA WITH A DETACHABLE LENS	AU	11/12/1997	B
	45139/97	DIGITAL CAMERA WITH A DETACHABLE DISPLAY	AU	11/12/1997	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
696473	59419/98	EXTENDED ADJUSTING MECHANISM FOR THE LENS SET OF AN IMAGING SYSTEM	AU	3/19/1998	B
750155	52754/98	APPARATUS AND METHOD FOR CONTROLLING A STEPPING MOTOR	AU	1/27/1998	B
743178	60704/98	PAPER-FEEDING APPARATUS (二)	AU	4/7/1998	B
741200	60705/98	PAPER-FEEDING APPARATUS	AU	4/7/1998	B
	62825/98	DEVICE FOR HOLDING AND MOVING A CONTACT IMAGE SENSOR	AU	4/21/1998	B
676129	75434/96	IMPROVEMENT OF CHASSIS LOCKING MEANS FOR OPTICAL SCANNER	AU	12/18/1996	B
691157	59416/98	PAPER-FEEDING MECHANISM FOR A DOCUMENT DUPLICATING MACHINE	AU	3/19/1998	B
	29809379.0	內建式掃描機結構	DE	5/25/1998	B
	10055372.8	CIRCULAR OPTICAL REFLECTION APPARATUS	DE	11/6/2000	B
	10010314.6	INCREASING SCANNING RESOLUTION THROUGH DRIVING SYSTEM CONTROL	DE	3/3/2000	B
	10039396.9	MULTIPLE NON-DIRECTIONAL METHOD OF SCANNING BY SCANNER	DE	8/11/2000	B
	10136040.1	AN OPTICAL CHASSIS OF PLATING FILM REFLECTION AND ITS MANUFACTURING PROCEDURE	DE	7/25/2001	B
20112289.8	20112289.8	AN OPTICAL CHASSIS PASTED WITH PLATING FILM REFLECTION THIN PLATES	DE	7/25/2001	B
	10129691.6-31	SCANNING HEAD MODULE	DE	6/22/2001	B
	10158932.8	METHOD FOR IMPROVING UTILIZATION OF A DEFECTIVE MEMORY DEVICE IN AN IMAGE PROCESSING SYSTEM	DE	12/3/2001	B
	10142956.8-31	METHOD FOR READING PIXEL SIGNALS FROM A MULTIPLE STAGGERED SENSOR	DE	9/1/2001	B
	10158322.2	OPTICAL SYSTEM	DE	11/28/2001	B
	10329630.1	TRANSMISSION MECHANISM OF SHEET FEEDER	DE	7/1/2003	B
	10245038.2	DATA READING APPARATUS AND OPERATING METHOD THEREOF	DE	9/26/2002	B
	10330050.3	LIGHT GUIDE PLATE FOR A BACKLIGHT MODULE	DE	7/3/2003	B
20118700.0	20118700.0	IMAGE SCANNER	DE	11/16/2001	B
20203019.9	20203019.9	一種光程增加模組	DE	2/26/2002	B
203 07 285.1	203 07 385.1	OPTICAL MODULE WITH MOVABLE REFLECTIVE MIRRORS	DE	5/12/2003	B
	10158495.4	A METHOD FOR DETECTING THE ALIGNMENT OF DOCUMENT IN AN AUTOMATICAL	DE	11/29/2001	B
	10235450.2	OPTICAL DEVICE AND METHOD FOR SCANNER	DE	8/2/2002	B



### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	10245810.3	LIGHT-FOCUSING FOR IMAGE-GATHERING DEVICE AND METHOD	DE	10/1/2002	B
	10301961.8	OPTICAL LENS DEVICE OF IMAGE SCANNER	DE	1/20/2003	B
	10307615.8	LIGHT SOURCE OF LED FOR SCANNER	DE	2/21/2003	B
	10319295.6	METHOD FOR DETERMINING THE CONCENTRATION OF BLOOD GLOCOSE	DE	4/29/2003	B
	10328048.0	LIGHT SOURCE MODULE AND METHOD FOR DESIGN THE SAME	DE	6/23/2003	B
	10338280.1	BIOSENSOR FOR MONITORING AN ANALYTE CONTENT WITH A PARTIAL VOLTAGE GENERATED THEREFROM	DE	8/20/2003	B
	10227067.8	LAYOUT OF THE OPTICAL PATH IN THE IMAGE-CAPTURING SYSTEM AND THE METHOD FOR FORMINGTHE SAME	DE	6/17/2002	B
	10323897.2	USER INTERFACE OF AN IMAGE CAPTURING APPARATUS AND AN IMAGE PROCESSING METHOD THEREOF	DE	5/26/2003	B
	10039395.0	METHOD OF REDUCING SCANNING DISCONTINUITY	DE	8/11/2000	B
2320832	9627100.2	AN IMPROVEMENT OF TRANPRENT WINDOW GLASS HOLDING STRUCTURE FOR AN OPTICAL SCANNER	GB	12/31/1996	B
2321357	9700813.0	APPARATUS FOR DIGITAL CORRECTION IN AN IMAGE SYSTEM	GB	1/16/1997	B
	9707816.6	TRI-MIRROR MULTI-REFLECTION OPTICAL PATH FOLDING APPARATUS	GB	4/17/1997	B
2314718	9702645.4	APPARATUS AND METHOD FOR IMPROVING MEMORY USAGE OF LOOK-UP TABLE MAPPING	GB	10/2/1997	B
	9707772.1	DUAL-MIRROR MULTI-REFLECTION OPTICAL PATH FOLDING APPARATUS	GB	4/17/1997	B
2320636	9626148.2	OPTO-MECHANICAL APPARATUS FOR MOVING AND SCANNING IN AN OPTICAL SYSTEM	GB	12/17/1996	B
	9623455.4	APPARATUS FOR INCREASING THE SAMPLE FREQUENCY OF SCANNING	GB	11/8/1996	B
2319132	9623450.5	INCREASING DENSITY RANGE OF A VIDEO SIGNAL BY TIME WEIGHTED MULTI-SAMPLED IMAGE SIGNAL PROCESSING	GB	11/8/1996	B
	9709211.8	CONVERTING AND SCALING NON-INTERLACED VGA SIGNALS TO INTERLACED TV SIGNALS	GB	5/7/1997	B
	9706163.4	TRANSPARENCY OPTICAL SCANNER	GB	3/25/1997	B
	9705167.6	APPARATUS AND METHOD FOR COMPENSATING MOVING DISTORTION OF DIGITAL SCANNING	GB	3/13/1997	B
	9702644.7	MULTIPLE OPTICAL LENS SYSTEM WITH AUTO- FOCUS CALIBRATION	GB	10/2/1997	B

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
2325580	9710379.0	LIGHT SHUTTER APPRATUS FOR AN OPTICAL SCANNER	GB	5/20/1997	B
	9711653.7	光學掃描機之原稿面移動機構	GB	8/6/1997	B
	9711652.9	光學掃描機之原稿面承載玻璃結構	GB	7/31/1997	B
	9711107.4	APPARATUS OF AN IMAGE PROCESSING USING DISTINCTIVE WEIGHTED CONTROL	GB	5/29/1997	B
2328577	9717592.1	METHOD FOR IMPROVING THE IMAGE RESOLUTION INAN OPTICAL IMAGESCANNING SYSTEM	GB	8/21/1997	B
	9710382.4	AUTO-FOCUS MECHANISM	GB	5/20/1997	B
	9711105.8	METHOD FOR DYNAMICALLY SCANNING AN IMAGE	GB	5/29/1997	B
	9716019.6	SHEET-FED SCANNER WITH SELECTIVELY VARIABLE DOCUMENT FEED-IN AND FEED-OUT POSITIONS	GB	7/29/1997	B
	9716026.1	RECEPTACLE WITH WIDE-ANGLE HINGE STRUCTURE	GB	7/29/1997	B
	9803064.6	FIXATION DEVICE FOR THE CHASSIS OF AN OPTICAL SCANNER	GB	2/16/1998	B
2335418	9806033.8	SHEET FEEDING	GB	3/20/1998	B
2335419	9806041.1	SHEET FEEDING	GB	3/20/1998	B
	9801820.3	CAMERA LENS FOCUSING APPARATUS	GB	1/28/1998	B
	9801818.7	MOVEABLE LENS APPARATUS FOR DIGITAL CAMERA	GB	1/28/1998	B
2321152	9700579.7	IMAGE SIGNAL PROCESSING APPARATUS	GB	1/13/1997	B
2331167	9723725.9	METHOD FOR FETCHING IDENTIFICATION OF SCSI EQUIPMENT	GB	10/11/1997	B
	9806028.8	ADJUSTING MECHANISM FOR THE LENS SET OF AN IMAGING SYSTEM	GB	3/20/1998	B
2338312	9812446.4	APERTURE SELECTION MECHANISM FOR CAMERA	GB	6/9/1998	B
	9805566.8	A SPRING-FREE TYPE FOCUSING AND DEFOCUSING MECHANISM FOR A DIGITAL CAMERA	GB	3/16/1998	B
	9808690.3	LENS MOVEMENT MECHANISM FOR DIGITAL CAMERA	GB	4/23/1998	B
	9723994.1	DIGITAL CAMERA WITH A DETACHABLE LENS	GB	11/13/1997	B
	9723995.8	DIGITAL CAMERA WITH A DETACHABLE DISPLAY	GB	11/13/1997	B
	9806036.1	LENS ADJUSTING MECHANISM	GB	3/20/1998	B
2333651	9801717.1	APPARATUS AND METHOD FOR CONTROLLING A ELECTROMECHANICAL DEVICE	GB	1/27/1998	B
	9807468.5	PAPER-FEEDING APPARATUS(二)	GB	4/7/1998	B
	9807469.3	PAPER-FEEDING APPARATUS	GB	4/7/1998	B

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	9808340.5	DEVICE FOR HOLDING AND MOVING A CONTACT IMAGE SENSOR	GB	4/20/1998	B
2320738	9627106.9	CHASSIS LOCKING MEANS FOR AN OPTICAL SCANNER	GB	12/31/1996	B
2320833	9627101.0	LENS SWITCHING APPARATUS FOR DUAL-LENS OPTICAL SCANNER	GB	12/31/1996	B
2335050	9804223.7	A DEVICE FOR CONTROLLING A ROTATION OF A LENS IN DIGITAL CAMERA	GB	3/2/1998	B
2330971	9723228.4	METHOD AND APPARATUS FOR FORMING HIGH CONTRAST IMAGE IN IMAGING SYSTEM	GB	11/3/1997	B
	9801822.9	APERTURE SELECTOR FOR CAMERA LENS	GB	1/28/1998	B
	8-32800	幻燈片掃描罩	JP		B
	9-3634	影像捕捉器	JP	11/26/1996	B
981977	7-33736	迷你型電腦視訊轉換器	JP	11/10/1995	B
991904	7-28834	A3大型影像掃描機	JP		B
1016571	8-31479	掃描器	JP	10/23/1996	B
1016572	8-31481	波浪型掃描器	JP	10/23/1996	B
	09-059800	送紙式掃描器	JP	4/15/1997	B
	09-059799	送紙式掃描器	JP	4/10/1997	B
	平9-63138	電腦	JP	7/31/1997	B
3043401	9-3895	包裝用緩衝結構體	JP	5/14/1997	B
	平9-63139	掃描器(life)	JP	7/31/1997	B
	9-63137	電腦	JP	7/31/1997	B
3975011	09-061860	專業用影像掃描機	JP		B
	9-79372	掃描器	JP		B
	9-79375	掃描器	JP		B
	9-79374	掃描器	JP	12/22/1997	B
	9-79373	掃描器	JP	12/22/1997	B
	11-274472	數位相機錯誤光源影像校正	JP	9/28/1999	B
	特願2001-329156	從多堆疊感測器陣列讀取像素訊號的方法	JP	10/26/2001	B
1016571	8-31480	掃描器聯合一	JP	10/23/1996	B
3072389	2000-002275	圓形光學反射裝置	JP	4/10/2000	B
	2002-321417	影像掃描器之光學鏡頭裝置	JP	11/5/2002	B
	2002-364271	DATA READING APPARATUS AND OPERATING METHOD THEREOF	JP	12/16/2002	B
	2003-561222	提高生物感測器讀取值解析度之方法	JP	1/28/2003	B
	2003-73594	利用上升曲線判斷血醣濃度	JP	2/24/2003	B
	2003-278404	LIGHT SOURCE MODULE AND METHOD FOR DESIGN THE SAME	JP	7/23/2003	B
	2001-370381	OPTICAL SYSTEM	JP	12/4/2001	B
	97033	光學掃描機結構改良	MX	1/30/1997	B
	97/01312	數位補償式影像處理裝置	MX	2/21/1997	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	9700044	OPTO-MECHANICAL APPARATUS FOR MOVING AND SCANNING IN AN OPTICAL SYSTEM	MX	2/4/1997	B
	97034	光學掃描機移動體扣合件結構改良	MX	1/30/1997	B
	97/00266	APPARATUS FOR INCREASING THE SAMPLE FREQUENCY OF SCANNER	MX	1/9/1997	B
	97/00002	SEPARATELY WEIGHTED MULTI-SAMPLED IMAGE SIGNAL PROCESSING APPARATUS	MX	1/7/1997	B
	97035	雙鏡頭光學掃描機之鏡頭切換裝置改良	MX	1/30/1997	B
	974305	VGA轉TV之任意放大及縮小控制裝置	MX	6/12/1997	B
	97103	穿透式光學掃描機結構改良	MX	4/21/1997	B
	97/02103	APPARATUS AND METHOD FOR COMPENSATING MOVING DISTORSION OF DIGITAL SCANNING	MX	3/20/1997	B
	97/01848	MULTIPLE OPTICAL LENS SYSTEM WITH AUTO-FOCUS CALIBRATION	MX	3/12/1997	B
	97163	光學掃描機之遮光機構	MX	6/12/1997	B
	97178	光學掃描機之原稿面移動機構	MX		B
	97177	光學掃描機之原稿面承載玻璃結構	MX		B
	97/04803	影像處理系統的分段加權校正裝置	MX	6/26/1997	B
	976754	METHOD FOR IMPROVING THE IMAGE RESOLUTION IN AN OPTICAL IMAGE SCANNING SYSTEM	MX	9/5/1997	B
	974349	自動對焦裝置	MX	6/12/1997	B
	97/04802	METHOD FOR DYNAMICALLY SCANNING AN IMAGE	MX	6/26/1997	B
	97/09929	METHOD AND APPARATUS FOR FORMING HIGH CONTRAST IMAGE IN IMAGING SYSTEM	MX	12/9/1997	B
	97/01202	IMAGE SIGNAL PROCESSING APPARATUS	MX	2/17/1997	B
	97/09497	METHOD FOR FETCHING IDENTIFICATION OF SCSI EQUIPMENT	MX	12/4/1997	B
	UM-14929	光學掃描機結構改良	PH	1/22/1997	B
	I-56111	數位補償式影像處理裝置	PH	4/11/1997	B
	I-56348	OPTO-MECHANICAL APPARATUS FOR MOVING AND SCANNING IN AN OPTICAL SYSTEM	PH		B
	UM-14927	光學掃描機移動體扣合件結構改良	PH	1/22/1997	B
	1-55010	APPARATUS FOR INCREASING THE SAMPLE FREQUENCY OF SCANNING	PH	12/11/1996	B
	I-54894	SEPARATELY WEIGHTED MULTI-SAMPLED IMAGE SIGNAL PROCESSING APPARATUS	PH	11/29/1996	B
	UM-14928	雙鏡頭光學掃描機之鏡頭切換裝置改良	PH	1/22/1997	B
	I-57057	VGA轉TV之任意放大及縮小控制裝置	PH	6/20/1997	B
	UM-15086	穿透式光學掃描機結構改良	PH	4/21/1997	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	56056	APPARATUS AND METHOD FOR COMPENSATING MOVING DISTORSION OF DIGITAL SCANNING	PH	4/3/1997	B
	I-56112	MULTIPLEOPTICAL LENS SYSTEM WITH AUTO FOCUS CALIBRATION	PH	4/11/1997	B
	UM-15168	光學掃描機之遮光機構	PH	6/9/1997	B
	UM-15165	光學掃描機之原稿面移動機構	PH	6/9/1997	B
	UM-15166	光學掃描機之原稿面承載結構	PH	6/9/1997	B
	I-56860	影像處理系統的分段加權校正裝置	PH	6/5/1997	B
	I-57690	METHOD FOR IMPROVING THE IMAGE RESOLUTION IN AN OPTICAL IMAGE SCANNING SYSTEM	PH	8/26/1997	B
	I-56904	自動對焦裝置	PH	6/9/1997	B
	I-56861	METHOD FOR DYNAMICALLY SCANNING AN IMAGE	PH	6/5/1997	B
	I-58559	METHOD AND APPARATUS FOR FORMING HIGH CONTRAST IMAGE IN IMAGING SYSTEM	PH	11/18/1997	B
	I-55463	IMAGE SIGNAL PROCESSING APPARATUS	PH	2/3/1997	B
389601	99248114.7	transmission wiring adjusting mechanis m	CN	9/29/1999	B
	02102310.7	Image capturing method for scanning syste m	CN	1/15/2002	B
	02102475.8	Device and method for preventing vibration for step motor	CN	1/22/2002	B
	02107790.8	Device and method for picking up documents	CN	3/21/2002	B
	01135042.3	Charge coupling element identifying device	CN	11/16/2001	B
564073	02242452.0	Platform scanner	CN	8/8/2002	B
558138	02242429.6	Shade structure of optical lens fixing device	CN	8/2/2002	B
558953	02243086.5	Positioning structure	CN	7/31/2002	B
489509	01229657.0	Connector of optic machine module	CN	7/2/2001	B
490137	01229343.1	Optical path device with dust preventig function	CN	6/28/2001	B
547595	02238783.8	Scanner setting and checking device	CN	6/19/2002	B
549157	02238785.4	Light source supply device for scanning device	CN	6/19/2002	B
534619	02204154.0	Double-function structure for handle and hanging hook	CN	3/22/2002	B
521471	02201394.6	Elastic loading structure of optical image scanning module	CN	1/15/2002	B
	01135043.1	Circuit configuration with extension universal output and input pins	CN	11/16/2001	B
329199	97243725.8	Control device for camera capable of rotating lens	CN	10/28/1997	B
	03280112.2	Guiding light plate structure and back light module	CN	9/24/2003	B
308793	97228365.X	Locking structure for mobile body of scanne r	CN	10/14/1997	B
376930	99210683.4	Latching structure of rolling componene t	CN	5/11/1999	B
488729	01231661.X	Optic lens group of optic scanner	CN	7/19/2001	B
523624	02201393.8	Paper depositing flat bed improved structure for automatic feeding paper apparatus	CN	1/15/2002	B
531348	02204164.8	Scanner cover plate with device for changing different background color	CN	3/21/2002	B
531966	02204189.3	File placing and location structure of scanne r	CN	3/25/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
546461	02238784.6	Scanner	CN	6/19/2002	B
547963	02238716.1	Sheet feeding type scanner manuscript supporting face with collecting structure	CN	6/17/2002	B
547973	02238786.2	Improved device of scanner transmission	CN	6/19/2002	B
557788	02242454.7	Paper pressure mechanism	CN	8/8/2002	B
558584	02242333.8	Friction piece driving structure	CN	8/1/2002	B
562818	02242430.X	Shading device	CN	8/2/2002	B
	01135044.X	Scanning method	CN	11/16/2001	B
	03201342.6	Driving device for preventing image loss	CN	2/12/2003	B
	03207900.1	Image capturing device	CN	9/19/2003	B
	03208015.8	Reflective lense ant-vibration device	CN	9/11/2003	B
	03272998.7	Data processing device	CN	7/7/2003	B
	200420001824.2	Light source module and reflective mask thereof	CN	1/6/2004	B
395434	99244325.3	Moving fixing mechanism for optical-path apparatus	CN	9/10/1999	B
	00100311.9	Method for testing moving trace smoothness of scanner	CN	1/17/2000	B
	01101860.7	Automatic focusing mechanism and method	CN	2/9/2001	B
435153	00238398.5	Scanning device	CN	7/4/2000	B
	98303019.7	Scanner S12III SERIES	CN	6/23/1998	B
	129593.4	Object scanner	CN	9/30/2000	B
	1116112.4	Pocket-type scanner	CN	5/9/2001	B
	2105774.5	Scanning method able to get correction parameters	CN	4/17/2002	B
	00103479.0	External adapter for supporting telephone service of computer	CN	3/14/2000	B
	00121251.6	Method of generating numbers in sequence among disordered numbers	CN	8/9/2000	B
	00121278.8	Method and device for inputting characteristic values of scanner	CN	8/14/2000	B
	00121294.X	Scanner with organic LEDs	CN	8/10/2000	B
	00121401.2	Automatic level regulator	CN	7/19/2000	B
	00123509.5	Optical filter method and mechanism for optical scanner	CN	8/15/2000	B
	00123510.9	Simple method and device for measuring field depth	CN	8/15/2000	B
	00124558.9	Scanner with multi-column sensing unit and image scanning method	CN	9/20/2000	B
	00124588.0	Variable resolution degree optical scanner and scanning method	CN	9/22/2000	B
	00129701.5	Automatic focusing method device	CN	10/8/2000	B
	00129702.3	Image scanning method of setting light sensing modules in different positions to scanning image	CN	10/8/2000	B
	00129703.1	Cover plate with replaceable background shielding mechanism and its replacement method	CN	10/8/2000	B
	00129704.X	Object scanner	CN	10/8/2000	B
	00129801.1	Image scanning method of setting light guiding mirror in different position	CN	9/29/2000	B
	00129802.X	Scanner and scanning method with crossed inductor	CN	9/29/2000	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	00132680.5	Method for producing image specific effect of scanner and its equipment	CN	11/22/2000	B
	00134605.9	Method for regulating conversion threshold range of discrimination system	CN	11/28/2000	B
	01100843.1	Scan method by regulating Y-axis variable transfer function	CN	1/19/2001	B
	01101808.9	Trimming mechanism and method for lens of optical scanner	CN	2/1/2001	B
	01101849.6	Device and method for controlling multiple sets of motors and sensors of scanner	CN	2/5/2001	B
	01102442.9	Focusing method for testing lens of image scanner	CN	2/2/2001	B
	01103910.8	Communication equipment and method between computer system and its peripherals	CN	2/12/2001	B
	01115395.4	Method for increasing scan resolution	CN	4/25/2001	B
	01115396.2	Scanner able to draw and edit	CN	4/25/2001	B
	01116119.1	Image scanning system and method of scanner	CN	5/9/2001	B
	01116139.6	Image taking device with image compensation unit and image compensation method thereof	CN	5/15/2001	B
	01118840.5	Back light source uniformity correcting method of image scanning device and its back light module	CN	6/20/2001	B
	01119826.5	Device and method for mapping look-up of table in photographic system	CN	6/29/2001	B
	01119864.8	System and method for picking up digital picture	CN	7/3/2001	B
	01119866.4	Compensator for image scan	CN	7/3/2001	B
	01120056.1	Scan method for checking document draft	CN	7/17/2001	B
	01120658.6	Regional image scanning method for scanner	CN	7/23/2001	B
	01123402.4	Pen style scanning device	CN	7/19/2001	B
	01124081.4	Apparatus and method for automatically fetching static picture	CN	3/26/2003	B
	01124136.5	Method for automatic identifying scanning area	CN	8/16/2001	B
	01129290.3	Method for reducing scanning time for images	CN	6/20/2001	B
	01129592.9	Scanner with less space of compensation memory and its method	CN	6/28/2001	B
	01131305.6	Peripheral facilities and method for downloading peripheral facility program codes	CN	8/31/2001	B
	01131361.7	Automatic paper delivery device and its focus depth adjusting method	CN	9/28/2001	B
	01134649.3	Multiple sampling method for image scanning	CN	11/8/2001	B
	01134752.X	Transmission mechanism comprising connected replaceable modules	CN	11/9/2001	B
	01137481.0	Method for judging stability of light source set	CN	11/16/2001	B
	01137490.X	Method for automatic selection of effective range of negative and continuous negative by scanner	CN	11/16/2001	B
	01139359.9	Scanning method	CN	11/23/2001	B
	01140500.7	System and method with common interfaces and scanner therewith and peripheral therefor	CN	12/12/2001	B
	01141749.8	Split scanner with automatic feeding-in device and automatic feeding-in device and split scanner thereof	CN	9/17/2001	B
	01141905.9	Scanning method of optical scanner	CN	9/19/2001	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	01141958.X	Paper feeding type scanner having automatic feeding mechanism and automatic feeding mechanism	CN	9/25/2001	B
	01141959.8	Image scanning device having automatic paper feeder and automatic paper feeder	CN	9/25/2001	B
	02101645.3	Automatic image size distinguishing scan method and scanner	CN	1/14/2002	B
	02118119.5	Method for automatic adjusting sharpened weighted value	CN	4/18/2002	B
	02118187.X	Automatic paper feeder	CN	4/24/2002	B
	02122611.3	Method and system for combining printing head of scanning module	CN	6/19/2002	B
	02122614.8	Light collecting and splitting equipment of light source module	CN	6/19/2002	B
	02122615.6	Process for scanning using virtual scanning frame	CN	6/19/2002	B
	02124469.3	Mass scanning and real-time displaying image scanner and its operation method	CN	6/28/2002	B
	02124769.2	Scanner processing the input unit dull-prevention function and the operating method thereof	CN	6/25/2002	B
	02124773.0	Method for automatic discriminating scanning compression ratio of scanner	CN	6/25/2002	B
	02140988.9	Method of judging transmission phase of transmission mechanism	CN	7/12/2002	B
	02141181.6	Method of correcting negative image via negative spacing area	CN	7/8/2002	B
	02141271.5	Movable locking equipment and method for scanner	CN	6/27/2002	B
	98120761.8	Method for compressing data in image taking device	CN	9/25/1998	B
	99109349.6	Method for maximizing image quality scan	CN	6/24/1999	B
	99109350.X	Transparent detection type electronic diaphragm and shutter	CN	6/24/1999	B
	99109395.X	Dynamic correcting method and correcting specification setting method thereof	CN	6/29/1999	B
	2229839.8	Roller device with accelerating engaging structure	CN	3/28/2002	B
	3203366.4	Scanning device with buffer structure	CN	2/25/2003	B
	02240955.6	File translation scanner	CN	6/27/2002	B
	02282972.5	Micro-adjustment component for sensitive device	CN	11/7/2002	B
	02284654.9	Multi transmitting image scanner	CN	11/12/2002	B
	03201467.8	wheel positioning device	CN	2/10/2003	B
	03201468.6	scanner	CN	2/10/2003	B
	03201469.4	Axial sleeve component with flexible engaging mechanism	CN	2/10/2003	B
	03201480.5	Bearing structure with positioning plate	CN	2/13/2003	B
	03201482.1	Cordinating structure for roller and bearer of scanner	CN	2/13/2003	B
	03201483.X	Roller component	CN	2/13/2003	B
	03201484.8	Stackable buffer package element	CN	2/13/2003	B
	03201485.6	Automatic paper feeder	CN	2/13/2003	B
	03201488.0	Housing with opening and opening cover	CN	2/13/2003	B
	03201489.9	Height adjustment device	CN	2/13/2003	B
	03201578.X	Paper feed system	CN	2/27/2003	B



### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	03201580.1	Automatic paper feeder	CN	2/27/2003	B
	03202276.X	Scanning device	CN	1/30/2003	B
	03203303.6	Collision buffer device for axial sleeve of scanner	CN	1/31/2003	B
	03203305.2	Shake prevention device	CN	1/31/2003	B
	03203306.0	Scanning device	CN	1/31/2003	B
	03203307.9	Flexible axial sleeve mechanism	CN	1/31/2003	B
	03203308.7	Stable module for stablign scanning module	CN	1/31/2003	B
	03203382.6	Fixture	CN	3/6/2003	B
	03203465.2	Scanner	CN	3/10/2003	B
	03203466.0	Scanner with cable restrainer	CN	3/10/2003	B
	03238416.5	Scanning assembly	CN	3/14/2003	B
	03238420.3	Bearer driving assisting system for scanner	CN	3/21/2003	B
	03238801.2	Bearing lock device with auto release locking function for scanner	CN	3/10/2003	B
	03238846.2	Gas absorbing vibration type of packaging material	CN	3/17/2003	B
	03257517.3	Clamping device capable of adjusting clamping section	CN	5/9/2003	B
113395	97105523.8	Sectionally weighting correcting device of image processing system	CN	5/27/1997	B
120222	99109351.8	Correcting device and method for using the same for scanner	CN	6/24/1999	B
133052	00107410.5	Method of turning computer on with scanner and scanning automatically	CN	5/9/2000	B
292963	97200163.8	Lens switching gear of double-lens optical scanner	CN	1/6/1997	B
292973	97200253.7	Shift latch device of optical scanner	CN	1/6/1997	B
293033	97200164.6	Optical scanner	CN	1/6/1997	B
295704	96248939.5	Optical system moving device for scanning	CN	12/25/1996	B
303052	97201363.6	Improved structure for penetration type optical scanner	CN	2/18/1997	B
303106	97204953.3	Master copy moving mechanism for optical scanner	CN	4/25/1997	B
306169	97250662.4	Housing having moveable door	CN	8/14/1997	B
314608	97228332.3	Active lens device of numeral camera	CN	10/8/1997	B
315003	97214488.9	Arrangement for carrying master copy glass sheet for optics scanning machine	CN	4/25/1997	B
320772	97204225.3	Combined compound packing device	CN	2/13/1997	B
323123	97216604.1	Auto focusing device	CN	5/27/1997	B
324073	97231013.4	Gravity type image switching device	CN	12/22/1997	B
330404	98200826.0	Lens moving mechanism of digital camera	CN	1/26/1998	B
333021	98200972.0	built-in scanner structure	CN	2/9/1998	B
333545	98208408	Springless focus adjustment device	CN	1/13/1998	B
335041	98204183.7	Penetrating optical scanner	CN	5/6/1998	B
337384	98200695.0	Paper feed device	CN	1/24/1998	B
339922	98205856.X	Improved structure of iris diaphragm shifting for camera lens	CN	6/11/1998	B
342220	98200825.2	Improvement of camera lens diaphragm switching mechanism	CN	1/26/1998	B
342456	98200827.9	Camera lens focus adjustment mechanism	CN	1/26/1998	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
343179	98200913.5	Mechanism for regulating image position of camera system	CN	1/23/1998	B
347710	98200691.8	Paper feed device	CN	1/24/1998	B
347965	98205683.4	Built-in scanner	CN	6/9/1998	B
363118	99200735.6	Automatic paper feeder with top lamp source	CN	1/20/1999	B
370672	99200918.9	Portable image scanning device	CN	1/25/1999	B
373642	99200913.8	Light source device of optical scanner	CN	1/25/1999	B
373968	99200736.4	Correcting device for scan image disturbance of auto feeder	CN	1/20/1999	B
374223	99201109.4	Liquid crystal display with scanning function	CN	1/29/1999	B
375753	98200912.7	Mechanism for regulating spherical motion of camera system lens module	CN	1/23/1998	B
380143	99200917.0	Optical scanning device	CN	1/25/1999	B
387833	98248168.3	Device for testing circuit board function	CN	11/16/1998	B
429915	00234393.2	Gear group speed changer for optical scanner	CN	5/12/2000	B
455104	00253072.4	Means for assembling reflecting mirror of scanner	CN	11/22/2000	B
462995	01200795.1	Scanning device with expansion casing	CN	2/5/2001	B
464514	01202035.4	Bearing table device of carryover module	CN	1/22/2001	B
479520	01223160.6	Bearing modular damping device of scanner	CN	5/28/2001	B
484552	01202027.3	Optical input device	CN	1/22/2001	B
485737	01220293.2	Steel wire regulation mechanism	CN	4/27/2001	B
487640	01226672.8	Fixer for carrier and reflecting sheet scanning	CN	6/15/2001	B
488552	01231410.2	Scanning device	CN	7/12/2001	B
494579	01231659.8	Fixing device of scanning carrying reflector	CN	7/18/2001	B
496636	01231609.1	Scanner with sole energy auxiliary power supply	CN	7/13/2001	B
496648	01231679.2	Brightness adjustable lighting device	CN	7/20/2001	B
496690	01232190.7	Cover-lifting controlled power open-and-close device of scanner	CN	7/25/2001	B
497000	01231676.8	Device for fixing scan carrier of scanner	CN	7/20/2001	B
500774	01260934.X	Scanner with phonetical input function	CN	9/18/2001	B
504163	01270552.7	Optical mechanism adjusting chart	CN	11/13/2001	B
506338	01231660.1	Combined gear	CN	7/18/2001	B
507617	01270551.9	Optical mechanism regulator	CN	11/13/2001	B
507666	01270931.X	Adjustable optical system testing equipment	CN	11/15/2001	B
508621	01270929.8	Blind flange rotor buffering structure	CN	11/15/2001	B
509874	01275500.1	Image pick-up unit shaft sleeve device	CN	12/3/2001	B
512848	02201433.0	Erasable scanner	CN	1/14/2002	B
513517	01279668.9	Scanner detecting apparatus	CN	12/29/2001	B
524487	01227280.9	Diagram detecting tool for image testing	CN	6/18/2001	B
530420	02229836.3	Transmission signal delayed type electromagnetic interference-preventing circuit	CN	3/26/2002	B
535118	02229868.1	Connection structure for scanner file cap with top and lower cap	CN	4/2/2002	B
539059	02229843.6	Optical compensation structure of image scanner optical component	CN	3/27/2002	B
539296	02229835.5	Holding device	CN	3/26/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
543941	01266145.7	Optical mechanism regulating tool	CN	11/2/2001	B
561964	02240961.0	Regulator for scanner	CN	6/26/2002	B
571327	02240954.8	Scanning device	CN	6/27/2002	B
579139	02240953.X	Character-reading scanner	CN	6/27/2002	B
59604	97103137.1	Operation method and device for compensation of distortion due to digital scanning movement	CN	3/4/1997	B
66678	97101841.3	Multi-lens optical automatic focusing system	CN	2/14/1997	B
71267	98104403.4	Method and device for controlling stepping electric motor	CN	2/4/1998	B
77917	97112205.9	Device for transferring computer display signals into television signal display images	CN	7/11/1997	B
91296	97123166.4	Method for reading identifier of interface of mini-computer system	CN	11/20/1997	B
91386	97115409.0	Dynamic image scanning method	CN	7/17/1997	B
No patent no.	99214406.X	Multi diaphragms of lens improvement	CN	6/24/1999	B
No patent no.	99214616.X	Document shift type scanner	CN	6/28/1999	B
No patent no.	99214617.8	Optical length apparatus	CN	6/28/1999	B
No patent no.	99214618.6	Light path device capable of adjusting illumination	CN	6/28/1999	B
No patent no.	99217408.2	Multiple phase gear driving apparatus	CN	7/28/1999	B
No patent no.	99217835.5	Light path device for scanner	CN	8/10/1999	B
ZL93300468.0	93300468	Image Scanner	CN	1/27/1993	B
493125	01232917.7	Reflecting lens supporting structure	CN	8/7/2001	B
493356	012328898	Holding structure for optical lens	CN	8/8/2001	B
	01138612.6	Equipment for detecting, regulating and correcting transmission mechanism of scanner and its method	CN	12/27/2001	B
478145	01220292.4	Switchover reflecting or transmission-type scanner	CN	4/27/2001	B
121976	00123508.7	Improved application of infrared ray in optical scanner	CN	8/15/2000	B
448434	00246352.0	Parasitic light eliminator	CN	8/14/2000	B
461902	00246353.9	Analyticity convertible optical scanner	CN	8/14/2000	B
No patent no.	99217917.3	Driving device for image processing system	CN	8/12/1999	B
	03238808.X	Device for conveying paper sheets	CN	3/5/2003	B
344355	98207853.6	Automatic changing device for lens modular group light ring	CN	8/18/1998	B
	03266889.9	transmission of scanner	CN	7/8/2003	B
	03275820.0	transmission system improvement of scanner optical machine	CN	7/10/2003	B
337119	98200403.6	Switching diaphragm mechanism	CN	1/14/1998	B
387756	99244327.X	Hidden type camera view device	CN	9/10/1999	B
395509	99244326.1	Camera with handbelt capable of automatically withdrawing and tightly binding	CN	9/10/1999	B
597274	03202247.6	Holding structure equipped with scanner	CN	1/22/2003	B
596308	03201341.8	Scan article positioner of scanner	CN	1/24/2003	B
623696	03201338.8	Optical assembly of scanning head	CN	1/24/2003	B
448400	00250022.1	Scanner driving gear with feedback control	CN	9/1/2000	B
596177	03201450.3	Improvement of light source mechanism of optical scanner	CN	1/29/2003	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	3272622.8	Light source device	CN	6/30/2003	B
	03266698.5	Lens bearing module set	CN	7/4/2003	B
449171	00254608.6	Mobile correcting zone regulator of image scanner	CN	9/20/2000	B
449284	00254609.4	Fixer for scanning loader and steel wire	CN	9/20/2000	B
449512	00254531.4	Scanner file glass-plate fixing device	CN	9/18/2000	B
500552	01260363.5	Film scanning device for image scanner	CN	9/17/2001	B
507138	01260367.8	Automatic scanner	CN	9/17/2001	B
517114	01260239.6	Gear power driving device with regulating mechanism	CN	9/25/2001	B
568328	02251873.8	locking device for optical scanner module	CN	9/16/2002	B
569815	02251874.6	Manual engaging and automatic flipping device	CN	9/16/2002	B
570630	02254660.X	Fixing device for optical sensor	CN	9/20/2002	B
571595	02254656.1	Lamp for minimizing the volume of optical scanner module	CN	9/20/2002	B
572059	02254659.6	focus depth adjusting device	CN	9/20/2002	B
572093	02251899.1	Modulized button	CN	9/18/2002	B
573006	02254655.3	Linear guiding mechanism	CN	9/20/2002	B
	03208121.9	fixed rubber frame group	CN	8/12/2003	B
492291	01233311.5	Holding structure of optical lens	CN	8/13/2001	B
500127	01233310.7	Height adjustable structure	CN	8/13/2001	B
503779	01233309.3	Holding structure	CN	8/13/2001	B
	03275847.2	scanner	CN	7/21/2003	B
598880	03201557.7	Scanner with double face scanning function	CN	2/21/2003	B
375185	99204837.0	Optical reflecting plate	CN	2/23/1999	B
449127	00257228.1	Two-end light source compensator	CN	10/11/2000	B
451929	00257229.X	Image scanner with reflection and penetration type scanning optical path switching lens	CN	10/11/2000	B
454862	00257230.3	Quick assembling scanner.	CN	10/11/2000	B
	03203448.2	Scanner pivot device with electricity connection function	CN	2/28/2003	B
	03203449.0	Scanner with cable restrainer	CN	2/28/2003	B
605789	03203429.6	Light source carrier base with high reflectivity	CN	2/27/2003	B
608910	03203431.8	Common light source scanner	CN	2/27/2003	B
609077	03203432.6	Reflecting assembly	CN	2/27/2003	B
599379	03203460.1	Bearing structure of scanning platform	CN	3/5/2003	B
602963	03203454.7	Scanner with wire distributing fixing structure	CN	3/5/2003	B
603387	03203458.X	Luminous mechanism of scanner	CN	3/5/2003	B
605125	03203461.X	Elastic fixing mechanism	CN	3/5/2003	B
605641	03203457.1	Paper air bubble type buffer material	CN	3/5/2003	B
	03203453.9	Image search device with regular octahedron mirror	CN	3/5/2003	B
607219	03203456.3	Image transmission for preventing distortion	CN	3/5/2003	B
609083	03203462.8	Scanner for line arrangement with flange	CN	3/5/2003	B
609578	03203455.5	Portable scanner	CN	3/5/2003	B
603782	03203392.3	Structure capable of adjusting heel height	CN	3/7/2003	B
605460	03203395.8	Wire rod fixing structure	CN	3/7/2003	B
	03203387.7	Two-opening document cover of scanner	CN	3/7/2003	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
600019	03203394.X	Optical source module	CN	3/7/2003	B
6005547	03203386.9	Apparatus for blowing dry sterilizing	CN	3/7/2003	B
600932	03203390.7	Socket set	CN	3/7/2003	B
	03203391.5	Anti-colour cast scanning module and light source module	CN	3/7/2003	B
576253	02282915.6	Lamp tube foreign material removing fixing fixture	CN	10/23/2002	B
579442	02282895.8	Scanner	CN	10/22/2002	B
580398	02284901.7	Scanner with locking mechanism	CN	10/25/2002	B
577367	02282912.1	Spectral change recognizer for holographic antifake mark	CN	10/23/2002	B
577670	02282914.8	Intravenous infusion alarm	CN	10/23/2002	B
578168	02282897.4	Multifunction antiexplosive calling device	CN	10/22/2002	B
580728	02282913.X	Shock reducing structure of shaft stick	CN	10/23/2002	B
581359	02282917.2	Mechanism for automatically regulating belt tension	CN	10/23/2002	B
	03207891.9	Paper feeding device	CN	9/10/2003	B
531199	02204163.X	Single-pole double-bladed two-dimensional coding circuits	CN	3/21/2002	B
531468	02204165.6	Fixing mechanism for lens of scanner	CN	3/21/2002	B
	200320100831.3	Light source supply device	CN	10/13/2003	B
	200320100832.8	Light source device	CN	10/13/2003	B
611532	03257519.X	Pulley system of carrier for scanner	CN	5/9/2003	B
611113	03261206.0	Image recognising device	CN	5/14/2003	B
611489	03261209.5	Folding mode of flat cable of scanning module set	CN	5/14/2003	B
	03262210.4	Casting structure for optical engine of scanner	CN	5/12/2003	B
549392	02238717.X	Image scanner for exciting fluorescent light as top light source	CN	6/17/2002	B
503783	01267339.0	Palm working apparatus with scanning function	CN	10/9/2001	B
504895	01267338.2	Rotary light path alignment apparatus	CN	10/9/2001	B
505422	01270882.8	Driving device for name card type scanner	CN	11/19/2001	B
432622	00200600.6	Optical distance device of optic scanner	CN	1/14/2000	B
510253	01267453.2	Gear engaging buffer structure	CN	10/11/2001	B
511685	01267454.0	Belt buckling device for lock joining chassis & timing belt	CN	10/11/2001	B
577053	02284940.8	Pressure deaeration machine with pressure control structure	CN	11/1/2002	B
578954	02284712.X	Guide mechanism with light-conducting effect	CN	10/29/2002	B
579258	02284714.6	Automatic locking device of scanner carrier	CN	10/29/2002	B
580468	02287352.X	Buffering shock-proof structure	CN	11/29/2002	B
590477	02284941.6	Positioning structure	CN	11/1/2002	B
590971	02282973.3	Lamp tube protecting device	CN	11/7/2002	B
607049	03203304.4	Fluorescent tube with light compensated effect	CN	1/31/2003	B
61093	96114538.2	Non-square CCD lattice structure for increasing sampling frequency in scanning direction of scanner	CN	11/14/1996	B
61095	96114539.0	Image processing device processed respectively by multi-time weighted sampling	CN	11/14/1996	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
607873	03201487.2	File transfer device	CN	2/13/2003	B
580401	02282931.8	Anti-drop lens	CN	10/22/2002	B
580408	02282971.7	Light source compensator of optical scanner	CN	11/7/2002	B
452618	00263134.2	Paper separating device for automatic paper-feeding	CN	12/1/2000	B
454536	00253867.9	Focusing apparatus for scanner	CN	10/9/2000	B
113637	98103943.X	Digital camera with separable display	CN	1/7/1998	B
	00107518.7	Scanner motor accelerating method	CN	5/15/2000	B
501003	01260756.8	Bearing device	CN	9/11/2001	B
	03238802.0	Fixing device for lens	CN	3/10/2003	B
	00134604.0	Bidirectional drive device and method for optical scan module of scanner	CN	11/28/2000	B
	01136284.7	Light guider with variable optical path length and its method	CN	10/12/2001	B
	03201577.1	Lighting device with multi-section optical source lightness compensating unit	CN	2/27/2003	B
302404	97216605.X	Chopper for optical scanner	CN	5/27/1997	B
303708	97250661.6	Paper feed type scanning device capable of changing paper feed direction	CN	8/14/1997	B
322992	97215693.3	Double-lens multiple reflection optical path device	CN	5/15/1997	B
322993	97215703.4	Three-lens multiple reflection optical path device	CN	5/15/1997	B
323002	97248793.X	Automatic feeding paper mechanism	CN	12/12/1997	B
333131	98209194.X	CMOS optical scanning device	CN	3/18/1998	B
339423	97248792.1	Automatic feeding paper mechanism	CN	12/12/1997	B
353200	98248577.8	Device capable of making reflection type scanner scan transparent film file	CN	11/26/1998	B
355944	98201462.7	Touchable optical scanner	CN	2/26/1998	B
360689	98248575.1	Optical scanner	CN	11/26/1998	B
369719	99200920.0	Liquid crystal display	CN	1/25/1999	B
431352	00236138.8	Light-source micro-regulation device	CN	6/8/2000	B
440289	00239215.1	Light source mechanism of optical scanner	CN	6/13/2000	B
442230	00235947.2	DC motor decoder	CN	6/9/2000	B
445900	00257507.8	Scanner with damping roller set	CN	10/25/2000	B
447000	00258310.0	self-moving optical scanner	CN	10/20/2000	B
447111	00258311.9	Optical scanner with rollable guiding track	CN	10/20/2000	B
447653	00257985.5	Simple fixing glass device	CN	10/19/2000	B
456876	00260684.4	Reflection-penetration type scanning apparatus	CN	11/29/2000	B
456935	00263135.0	Optical reflecting device	CN	12/1/2000	B
460094	00257427.6	Slide scanner	CN	11/2/2000	B
460690	00263791.X	Double lens multiu-reflecting optical path apparatus	CN	12/6/2000	B
461209	00263715.4	Simple keying signal identifying circuit structure	CN	11/24/2000	B
467744	01203807.5	Optical engine adhered with coated reflection sheet	CN	2/22/2001	B
477487	01219367.4	Scanning device capable of mounting automatic paper feeder	CN	4/11/2001	B
487504	01226671.X	Background luminous panel for scanner	CN	6/15/2001	B
487765	01226673.6	Platform image scanner with flat background light model set	CN	6/15/2001	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
489621	01232718.2	Optical scanner capable of displacing correction sheet	CN	7/31/2001	B
490080	01228842.X	Automatic paper feeder with focus controller	CN	7/25/2001	B
494763	01259601.9	Cover plate connector for optical scanning instrument	CN	8/29/2001	B
494856	01259602.7	File fixer	CN	8/29/2001	B
496762	01231681.4	Image acquisition device with multiple sensitive line	CN	7/20/2001	B
507141	01232397.7	Scanner	CN	9/25/2001	B
507445	01259919.0	Backplate device	CN	8/20/2001	B
507507	01270550.0	Optical scanner correction color plate	CN	11/13/2001	B
507919	01270933.6	Bearing support structure	CN	11/15/2001	B
508265	01258936.5	Optical system testing equipment	CN	8/30/2001	B
508511	01270928.X	Paper taking out mechanism	CN	11/15/2001	B
511747	01270934.4	Light tube fixing device for optical scanning instrument	CN	11/15/2001	B
512835	01270353.2	Cover-lifting-up member of vertical scanner	CN	11/8/2001	B
512974	01270354.0	Article holder	CN	11/8/2001	B
513060	01270944.1	Optical-path regulating device of scanner	CN	11/15/2001	B
513101	01270285.4	Small focusing lens	CN	11/6/2001	B
513110	01270355.9	Document-loading surface of scanner	CN	11/8/2001	B
515943	01270290.0	Width regulating structure for paper conveyor	CN	11/6/2001	B
515956	01270350.8	Automatic paper conveyor with pressure regulator	CN	11/8/2001	B
516322	01271243.4	Transmission belt pressing limiting mechanism of carryover assembly	CN	11/16/2001	B
516385	01279713.8	Linear fine tuning device	CN	12/27/2001	B
518416	01270349.4	Automatic paper conveyor	CN	11/8/2001	B
533954	01271258.2	Optical module load bearing and line spacer of vertical scanner	CN	11/19/2001	B
553926	02231822.4	Multi-lens reflecting optical path apparatus	CN	5/29/2002	B
581031	02282935.0	Lens module capable of regulating amplification ratio	CN	10/24/2002	B
581531	02282938.5	Scanner capable of clearing stray light	CN	10/23/2002	B
581703	02282939.3	Light source group fixing device	CN	10/23/2002	B
585721	02282974.1	Gear driving device	CN	11/7/2002	B
586048	02282936.9	Device for fixing camera shooting document	CN	10/24/2002	B
586316	02284628.X	Structure of shielding cable of scanner	CN	11/11/2002	B
589756	02282937.7	Scanner having retarding mechanism	CN	10/23/2002	B
614333	03238552.8	Multi-section type lens holding device	CN	3/19/2003	B
614479	03238414.9	Light source with focusing function	CN	3/14/2003	B
618205	03256800.2	Scattering arrangement of light guiding panel of background module	CN	5/22/2003	B
620154	03262077.2	Light guide plate model of side light type back light module	CN	5/21/2003	B
625522	03201579.8	Holding device for non-circular lens	CN	2/27/2003	B
63075	97117752.X	Method for improving resolution of image output of optical image scanning system	CN	8/28/1997	B
66636	97117613.2	Image signal processing device	CN	8/13/1997	B
76194	97101840.5	Improved device and method for checking table mapping in memory	CN	2/14/1997	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
84260	97117717.1	Method and apparatus for forming again picture with poignant contrast in picture system	CN	8/21/1997	B
allowed	03201481.3	Double-layer optical reflection unit	CN	2/13/2003	B
	03204826.2	Optical system for scanner	CN	7/29/2003	B
	03280105.X	Back light module	CN	9/19/2003	B
	03238811.X	Optical path device	CN	3/5/2003	B
352518	98207881.1	Glass base location device for optical scanner	CN	8/20/1998	B
	01101857.7	Information display system and method of scanner	CN	2/9/2001	B
	03272654.6	Optics scanning module	CN	7/22/2003	B
605793	03203459.8	Composite packing structure	CN	3/5/2003	B
	200330114398.4	Light tube mask	CN	11/21/2003	B
	200310101256.3	Method and device for improving blood measurement credibility using multi-channel circuit	CN	10/16/2003	B
	00134603.2	Dynamic focusing method for image scanner	CN	11/28/2000	B
	02150395.8	Method for resolving dynamic range of image	CN	11/11/2002	B
	3272622.8	Light source device	CN	6/30/2003	B
	03201576.3	Light source compensator	CN	2/27/2003	B
	03238834.9	Supporting and fixing apparatus for lens	CN	3/11/2003	B
	02150607.8	Lens system with tunable curvatures and method for adjusting curvatures	CN	11/6/2002	B
	03100195.5	Image-picking condensing device and method	CN	1/10/2003	B
	02149955.1	Scanner and scanning method with adjustable length of turning area	CN	11/8/2002	B
	01129291.1	Vibration compensating device and method for image scanning	CN	6/20/2001	B
	01129292.X	Device and method for lowering transmission noise interference in scanner	CN	6/20/2001	B
	200420007945.8	vertical back light module and expansion plate	CN	3/19/2004	B
	200420004983.8	Back light module	CN	3/18/2004	B
	03120569.0	Scanner with side reversing device	CN	3/14/2003	B
	01129288.1	Color scanning automatic judging method for scanner	CN	6/20/2001	B
	02148299.3	Scanning instrument light collecting device	CN	10/31/2002	B
	02102309.3	Device for projecting and retrieving a display interface	CN	1/15/2002	B
	00121298.2	Compensating method of planar light source	CN	8/11/2000	B
	01142090.1	Method for eliminating interferece by noice as movement of step motor	CN	9/11/2001	B
	03119876.7	Focusing device, producing method and image scanner thereof	CN	3/10/2003	B
	02149954.3	Image processing method	CN	11/8/2002	B
	03132812.1	back and white image interception search method	CN	7/21/2003	B
	03106171.0	Image scanning method	CN	2/20/2003	B



### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	03106449.3	Method for appending letters to image	CN	2/26/2003	B
	03119955.0	Depth focus adjusting and measuring device	CN	3/10/2003	B
	3101280.9	Optical system of scanning device	CN	1/24/2003	B
	98103941.3	Digital camera with separable lens	CN	1/7/1998	B
	00121024.6	Method for correcting scanned image	CN	7/13/2000	B
	00132581.7	Method for sharing data bus of scanner	CN	11/29/2000	B
	01102294.9	Different colour channel output method of balanced colour sensor	CN	1/21/2001	B
	01115606.6	Device and method for returning to zero and reading in CMOS sensor	CN	4/26/2001	B
	01115769.0	Modular light conducting device and producing method	CN	6/14/2001	B
	01116037.3	Film coating reflected optical engine and making process thereof	CN	5/10/2001	B
	01116121.3	Blackness correcting device and method for linear complementary MOS sensor	CN	5/9/2001	B
	01116122.1	Photosensitive cell bias signal outputting device and method with linear sensor	CN	5/9/2001	B
	01119992.X	One-step multistage exposure scanning method	CN	7/6/2001	B
	01124128.4	Automatic scanning system and scanning method	CN	8/15/2001	B
	01124130.6	Scanning head module	CN	8/15/2001	B
	01136283.9	Elastic energy accumulation type scanner and its scanning method	CN	10/12/2001	B
	01140358.6	Automatic scanning method for scanner	CN	12/10/2001	B
	02100136.7	Rotary optical scanner and scanning method	CN	1/9/2002	B
	02108215.4	Method of correction for image scanning system	CN	3/27/2002	B
	02108599.4	File automatic identifying and executing method having function option and device thereof	CN	4/4/2002	B
	02127681.1	Light source module	CN	8/1/2002	B
	02131629.5	Optical camera lens device of image scanner	CN	9/11/2002	B
	200310121300.7	Optical lens	CN	12/18/2003	B
	200330102360.5	Light tube mask	CN	10/31/2003	B
	200430001284.3	Light tube mask	CN	1/13/2004	B
	200430003464.5	Light tube mask	CN	2/24/2004	B
	3136529.9	Side light back light module	CN	5/21/2003	B
	3155939.5	Method for detecting paper feeding status	CN	8/27/2003	B
	3178774.6	Biosensor with multi bias voltage adjustment and method thereof	CN	7/18/2003	B
	02121988.5	Method of processing image data for speeding up data transmission	CN	5/29/2002	B
	02122612.1	Light source controlling method of LED	CN	6/19/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	02124480.4	Image scanning system processing the function of selective compression and method thereof	CN	6/28/2002	B
	02124770.6	Optical scanner with pin-hole imaging device	CN	6/25/2002	B
	02124772.2	Equipment and method for controlling step motor	CN	6/25/2002	B
	02126827.4	Method for selecting chromatic attenuation correction curve	CN	7/22/2002	B
	02128251.X	Full sector optical image pick-up addressing device	CN	8/6/2002	B
	02128252.8	optical scanner	CN	8/6/2002	B
	02128283.8	Optical axis angle regulator and its regulating method	CN	8/8/2002	B
	02130157.3	Method for producing correcting curve	CN	8/23/2002	B
	02131388.1	Transmission connecting-leg controller for reduced scanning and method	CN	10/8/2002	B
	02131422.5	Optical device and method suitable for scanner	CN	10/10/2002	B
	02140164.0	Method for increasing S/N ratio of signal	CN	7/1/2002	B
	02140165.9	Operation mode of switching between full viewing and previewing and system thereof	CN	7/1/2002	B
	02140166.7	Optical carrier and forming method for scanner	CN	7/1/2002	B
	02140177.2	Method and device for dragging and formatting image	CN	7/4/2002	B
	02140990.0	Toroidal lens optical path device	CN	7/12/2002	B
	02141851.9	Method for judging file range and its correspondent scanner structure	CN	8/22/2002	B
	02146163.5	Scanning instrument internal element energy consumption distribution mode using bus power source and method	CN	10/30/2002	B
	02146164.3	Method of cancelling storage in scanning device	CN	10/30/2002	B
	02146274.7	Fixed current driving circuit for improving step precision of step motor	CN	10/17/2002	B
	02146275.5	Scanner for transmitting analog electronic signals in differential pairs and its operation	CN	10/17/2002	B
	02148019.2	Lens seat regulating method and its regulating device	CN	10/22/2002	B
	02150394.X	Combination of spectacle frame	CN	11/11/2002	B
	02150396.6	Image scanner possessing handwriting input device	CN	11/11/2002	B
	02150397.4	Method of lowering noise in image	CN	11/11/2002	B
	02151710.X	Electronic periphery equipment with double buses	CN	12/31/2002	B
	02151711.8	Method for judging blood sugar concentration using ascending curve	CN	12/31/2002	B
	02153680.5	Extensio-type scanner	CN	12/3/2002	B
	02156067.6	Short optical path image pick-up device	CN	12/13/2002	B
	02157164.3	Apparatus for detecting special component in liquid	CN	12/17/2002	B
	02158490.7	Scanner with common illuminating light source	CN	12/25/2002	B
	02158962.3	Image joint and improvement method	CN	12/19/2002	B
	02159792.8	Blood sugar long term observation chart establishing method for helping self control of blood sugar value	CN	12/26/2002	B
	02160033.3	Power module and optical scanner with power module	CN	12/30/2002	B
	02160034.1	Optical scanner	CN	12/30/2002	B
	02160803.2	Detecting method for reaction value in detecting area of sample sheet	CN	12/30/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	02160804.0	Correcting method and device with multiple correcting curves	CN	12/30/2002	B
	03100223.4	Method for reading sensor	CN	1/3/2003	B
	03100367.2	Scanner and designing method of scanning module in scanner	CN	1/13/2003	B
	03100945.X	Device for combining point light source with single lens	CN	1/7/2003	B
	03100946.8	Method for raising reading value resolution of biological sensor	CN	1/7/2003	B
	03100965.4	Checking zone colour-reaction judgement method of test piece	CN	1/2/2003	B
	03101038.5	Image equipment combined with scanning device and video communication device	CN	1/8/2003	B
	03101039.3	Biological chip capable of raising measurement reliability and its method	CN	1/8/2003	B
	03101040.7	Biological sensor capable of correcting environmental temperature effect and its method	CN	1/8/2003	B
	03102004.6	Action method of double sided scanning device	CN	1/24/2003	B
	03102005.4	Method for separating output files	CN	1/24/2003	B
	03104341.0	Scanner having a frame-choosing unit and frame-choosing scanning method thereof	CN	1/31/2003	B
	03105088.3	Scanning stabilizer for optical scanning module	CN	3/5/2003	B
	03105089.1	Scanner and its life doubling method	CN	3/5/2003	B
	03106815.4	Image scanning device light source control method and apparatus	CN	3/3/2003	B
	03107142.2	Scanning instrument	CN	3/7/2003	B
	03107143.0	platform type scanner	CN	3/7/2003	B
	03107144.9	Light source detecting measurer	CN	3/7/2003	B
	03107201.1	Scanning method with scanning time decrease	CN	3/17/2003	B
	03107209.7	Image correcting method	CN	3/17/2003	B
	03107325.5	Chrominance compensating lens capable of compensating light sensitive element produced color difference and design method	CN	3/20/2003	B
	03107333.6	Automatic paper feeder	CN	3/20/2003	B
	03107334.4	Lens trimmer	CN	3/20/2003	B
	03107339.5	Clamping mechanism for automatic paper feeder	CN	3/20/2003	B
	03107371.9	User interface surface of image taking device and analytical method for its image data	CN	3/24/2003	B
	03110298.0	Method for judging concentration of blood sugar	CN	4/10/2003	B
	03110299.9	Test block check field detection result automatic detection method	CN	4/10/2003	B
	03119480.X	Image scanner with multiple power-supply module and running method thereof	CN	3/12/2003	B
	03119481.8	Method for decreasing image noise	CN	3/12/2003	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	03119482.6	Method for scanning irregular object	CN	3/12/2003	B
	03119503.2	Trimmer for CCD board	CN	3/5/2003	B
	03119504.0	Circuit board with image selecting elements	CN	3/5/2003	B
	03119505.9	Belt tension regulating mechanism	CN	3/5/2003	B
	03119506.7	Light source module for scanning instrument	CN	3/5/2003	B
	03119507.5	Scanning module with blocking plate	CN	3/5/2003	B
	03119535.0	Light source modular structure and design method thereof	CN	3/10/2003	B
	03119997.6	Automatic paper feeder	CN	3/17/2003	B
	03120188.1	Method for testing uniformity of color value of scanning image	CN	3/12/2003	B
	03120189.X	Scanner with bus power-supply drive	CN	3/12/2003	B
	03120255.1	Optical assembly with movable reflector	CN	3/6/2003	B
	03120263.2	Lens assembly	CN	3/6/2003	B
	03120273.X	Method of displaying estimated scanning required execution time	CN	3/7/2003	B
	03120288.8	Reflector plate light collective mechanism	CN	3/10/2003	B
	03120551.8	Image compensating correcting method for light-source fixed scanner	CN	3/11/2003	B
	03120552.6	Scanner with adjustable light open	CN	3/11/2003	B
	03120564.X	Method for choosing and adjusting scanner light source	CN	3/14/2003	B
	03120567.4	Scanner with light source for scanning positive and negative	CN	3/14/2003	B
	03120568.2	Scanner with double-face scanning function	CN	3/14/2003	B
	03121237.9	Method of lifting step motor acceleration and speed reducing characteristics	CN	3/28/2003	B
	03123402.X	Light source device	CN	5/6/2003	B
	03123861.0	Side light back light module and LCD	CN	5/21/2003	B
	03123865.3	Blood measuring method and device with multi-channel and multi-additive circuit	CN	5/21/2003	B
	03123866.1	Light guide plate model of side light type back light module and liquid crystal display	CN	5/21/2003	B
	03130949.6	Fixed voltage driving circuit for improving precision of step motor	CN	5/9/2003	B
	03136530.2	Scattering arrangement of light guiding panel of background module and liquid crystal display	CN	5/22/2003	B
	03137179.5	Control circuit and measuring method for adjusting biosensor	CN	6/11/2003	B
	03141123.1	Reflective lens module adopted in scanner	CN	6/9/2003	B
	03142881.9	Light source module	CN	6/16/2003	B
	03142999.8	Scanner with energy strobing back light device	CN	6/23/2003	B
	03146355.X	Flat-board type light source	CN	7/10/2003	B
	03147263.X	Biosensor detecting particular composition in object with splitting pressure	CN	7/11/2003	B
	03148108.6	Motor control circuit for preventing motor to pass through current when no control signal occurs	CN	7/2/2003	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	03149651.2	Measuring method for scanning line position and width and pattern thereof	CN	8/4/2003	B
	03152321.8	Scanner with automatic adjusting lens multiplicity	CN	7/30/2003	B
	03154365.0	Method and device for detecting battery capacity	CN	8/21/2003	B
	03154367.7	Color correcting method for image capturing device	CN	8/21/2003	B
	03155099.1	LED light emitting device	CN	8/27/2003	B
	03155100.9	Light tube clamping mechanism with positioning function and assembly method thereof	CN	8/27/2003	B
	03178772.X	Biosensor with multi-channel analog/digital conversion and method thereof	CN	7/18/2003	B
	200310100250.4	Reading device for optical storage media	CN	10/13/2003	B
	200310121277.1	Back light module	CN	12/17/2003	B
	200310121299.8	Light source module and assembly method thereof	CN	12/18/2003	B
	200410000261.X	Vertical back light module	CN	1/12/2004	B
	99109347.x	Method for analyzing and measuring stability of shifting machine body	CN	6/24/1999	B
	03104411.5	Method of image correction in continuous scanning	CN	2/11/2003	B
	03104412.3	Bidirectional type auto paper feeding mechanism and feeding method thereof	CN	2/11/2003	B
	03205359.2	Light source module	CN	8/18/2003	B
	03209130.3	Light source device and application of back light thereof	CN	9/8/2003	B
	03209131.1	Light source module	CN	9/8/2003	B
	03209132.X	Light source device and application of back light thereof	CN	9/8/2003	B
	03238553.6	Scanner carrier locking device having automatic unlocking function	CN	3/19/2003	B
	03241573.7	Paper feeding device	CN	4/11/2003	B
	03256890.8	Automatic paper conveyer	CN	5/22/2003	B
	03261404.7	Side light back light module	CN	5/21/2003	B
	03262076.4	Side light back light module	CN	5/21/2003	B
	200320100971.0	Back light light component	CN	10/21/2003	B
	200320100972.5	Guiding light plate and application of back light component thereof	CN	10/21/2003	B
	200320100973.X	Linear light source component	CN	10/21/2003	B
	200320103991.3	Object positioner	CN	11/5/2003	B
	200420004924.0	Side light source device	CN	3/2/2004	B
	2102840	Controlling device and method for step motor	CN	1/24/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	2124929.6	Optimization automatic focusing method for image scanner	CN	6/26/2002	B
	2141270.7	Image sensor having multiple pixel size	CN	6/27/2002	B
	00124557.0	Induction motor and step motor combined system and its operating method	CN	9/20/2000	B
	01129287.3	Scanning speed control device and method	CN	6/20/2001	B
	01130729.3	Sequence generating method for electronic coupled element	CN	8/22/2001	B
	01134464.4	Method of eliminating optoelectronic cross coupling	CN	11/5/2001	B
	01134466.0	Mainboard supporting different connectors of various pins and its design method	CN	11/5/2001	B
	01134467.9	High-resolution sensing method of scanning instrument	CN	11/5/2001	B
	01134468.7	K value compensation method of zipper image and K value calculating method	CN	11/5/2001	B
	01134804.6	Lens shape structure and lens fine regulation structure	CN	11/13/2001	B
	01136189.1	Method of lightening streak image	CN	11/21/2001	B
	01136871.3	Control and regulation method with feedback of light source brightness	CN	11/2/2001	B
	01136872.1	Multiple-resolution regulator	CN	11/2/2001	B
	01137489.6	Focusing method of scanning device	CN	11/16/2001	B
	01139626.1	Method of sharing the identical printed circuit board in different connector and detecting	CN	11/28/2001	B
	01139646.6	Image data arranging method in memory of optical scanner	CN	11/30/2001	B
	01140137.0	Automatic picture making device and method	CN	11/27/2001	B
	01141530.4	High-speed calibration method in camera equipment and its system	CN	10/10/2001	B
	01142104.5	Double-light source voltage regulating and compensation control circuit of scanner	CN	9/12/2001	B
	01143460.0	Sequential control method for preventing charge coupling device from saturating	CN	12/28/2001	B
	01144536.X	Step motor	CN	12/19/2001	B
	02100135.9	Double side serialization controlling method and device for scanner	CN	1/9/2002	B
	02103364.1	Method for correcting image frame selection range of image input device	CN	1/28/2002	B
	02103365.X	Processing method for real time image compression	CN	1/28/2002	B
	02107049.0	Method for regulating, changing and converting functional value by utilizing complementary pair measurement system	CN	3/12/2002	B
	02107483.6	Method for fixing adjustable optical lens group and its structure	CN	3/20/2002	B
	02108216.2	Automatic checkout system of cameras	CN	3/27/2002	B
	02119840.3	Method and device for changing scanning resolution ratio	CN	5/15/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	02120368.7	Method and device capable of cleaning away inputted character string at once	CN	5/23/2002	B
	02122613.X	Light path layout of image searching system and method for realizing the same	CN	6/19/2002	B
	02122621.0	Process for changing user interface language with no need to restart the application programs	CN	6/18/2002	B
	02122885.X	Production line and process for production of work pieces using the same	CN	6/17/2002	B
	02123068.4	Light path folding apparatus	CN	6/12/2002	B
	02123071.4	Circuit structure of scanner	CN	6/12/2002	B
	02123168.0	Mechanism height adjustable hinge mold assembly	CN	6/26/2002	B
	02123169.9	Semi-automatic adjusting device for making scanners and method for using the same	CN	6/26/2002	B
	02123172.9	Scanner having scanning background provided transmission component	CN	6/26/2002	B
	02124305.0	Process for detecting sharpness test pattern reference position	CN	6/10/2002	B
	02124362.X	Image data processing method for accelerating data transmission	CN	6/12/2002	B
	02124771.4	Double side scanning method	CN	6/25/2002	B
	02124930.X	Focusing searching method for image scanner	CN	6/26/2002	B
	02126228.4	Scanning method of automatically paper-feeding scanning instrument	CN	7/16/2002	B
	02126229.2	Scanner combination with double-sided scanning function and its light source controlling method 具有雙面掃描功能之掃描器組及其中之光源控制方法	CN	7/16/2002	B
	02126230.6	File conveyer	CN	7/16/2002	B
	02126348.5	File sensor and sensing method thereof	CN	7/18/2002	B
	02126350.7	Brightness homogenizing light source module	CN	7/18/2002	B
	02128284.6	Method of program module loading system	CN	8/8/2002	B
	02130159.X	Scanner image correction method	CN	8/23/2002	B
	02131869.7	Method for adjusting reflecting mirror to optimum position	CN	9/4/2002	B
	02140574.3	Scanning device adopting gravity to accelerate scanning speed	CN	7/3/2002	B
	02140605.7	Adjustable spot light equipment	CN	7/10/2002	B
	02140798.3	Image correction method capable of avoiding error image	CN	7/25/2002	B
	02141156.5	Data reading equipment and operation method thereof	CN	7/8/2002	B
	02141380.0	Method for producing equipment serial number	CN	7/9/2002	B
	02141659.1	Method for regulating image by means of corrected data parameter	CN	9/9/2002	B
	02141697.4	Gearing mechanism for paper cutting device	CN	9/13/2002	B
	02141873.X	Push button structure for preventing clamping key and its design method	CN	8/27/2002	B
	02142633.3	Method for measuring relative brightness of surface of original manuscript	CN	9/3/2002	B
	02142634.1	Method for recognizing abnormal images	CN	9/3/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	02142754.2	Scanning module with chroma compensation function	CN	9/20/2002	B
	02142755.0	Image induction compensation method and its structure	CN	9/20/2002	B
	02142756.9	Motion method of optomechanical module and printing module and converter thereof	CN	9/20/2002	B
	02142757.7	Double-side image scanning module and scanning method thereof	CN	9/20/2002	B
	02142773.9	Scanner	CN	9/19/2002	B
	02142774.7	Method for judging reset position	CN	9/19/2002	B
	02143245.7	Adjustable graphic interface of optical mechanism and its operation method	CN	9/24/2002	B
	02143246.5	Method and apparatus for controlling linear acceleration and deceleration of step motor	CN	9/24/2002	B
	02145752.2	Image data garbage filtering method capable of accelerating computation	CN	10/11/2002	B
	02146732.3	Document transported typed scanning mechanism	CN	11/4/2002	B
	02146733.1	Method for improving dithering of scanning module and method for determining source of dithering module	CN	11/4/2002	B
	02146924.5	Compensating light source capable of compensating light attenuation caused by light path and its design method	CN	10/22/2002	B
	2149243.3	Cluster gear structure and method for driving scanning module by using structure	CN	11/6/2002	B
	02149244.1	Device and modes for outputting image bits in scanner	CN	11/6/2002	B
	02149392.8	Method for improving sweep efficiency	CN	11/12/2002	B
	02149398.7	Moving method of scanning module and guiding mechanism providing its movement	CN	11/12/2002	B
	02149822.9	Light source module and producing method	CN	11/6/2002	B
	02150350.8	Image picking up device and method capable of shooting negative and displaying reversed image of negative	CN	11/5/2002	B
	02150602.7	Method for improving image recognition rate	CN	11/6/2002	B
	02150603.5	Device and method for correcting degree of linearity	CN	11/6/2002	B
	02150604.3	Beam condensing unit for light source in scanner	CN	11/6/2002	B
	02150608.6	Device for fixing reflecting mirror in tensile stress	CN	11/6/2002	B
	03120274.8	Method for removing color fading noise	CN	3/7/2003	B
	03145051.2	Scanning method	CN	6/17/2003	B
	2122610.5	Optical scanner having optical well	CN	6/19/2002	B
	02126231.4	Scanning module with transmissive slit	CN	7/16/2002	B
	02126349.3	Circuit module with integrated light source driver and optical inducer	CN	7/18/2002	B
	02126351.5	Handcart and its stair climbing method	CN	7/18/2002	B
	02126352.3	Light source module for scanning instrument	CN	7/18/2002	B
	02126824.X	Lense detecting tool	CN	7/22/2002	B
	02140777.0	Error back-report and correction method for peripheral unit	CN	7/24/2002	B
	02140778.9	Scanner of optical source device using self-light-focusing effect	CN	7/24/2002	B



### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	02140779.7	Control button without rolling strip mode and method for operating same	CN	7/24/2002	B
	01118728.X	Transmission-type scanning light source of image scanner	CN	6/8/2001	B
	01115524.8	Image scanner	CN	4/27/2001	B
	01115526.4	Electric energy saving method and device for peripherals with more ports	CN	4/27/2001	B
	01119827.3	Method for outputting CCD signals by changing time sequence of drive	CN	6/29/2001	B
	01119865.6	Method and device for increasing resolution of scanner	CN	7/3/2001	B
	01119989.X	Optical scanning apparatus capable of automatically position-finding and with image fetch device	CN	7/6/2001	B
	01119990.3	Multiple focal distance electric coupling device	CN	7/6/2001	B
	01119991.1	One-step double-exposure scanning method	CN	7/6/2001	B
	01120380.3	Circuit for space converting colors of scanner RGB signals	CN	8/29/2001	B
	01124046.6	Method for controlling scanner with paper-feeding back type and platform type double scanning functions	CN	8/9/2001	B
	01124080.6	Method and system for scanning grey pictures	CN	8/13/2001	B
	01124127.6	Method for correcting pick-up apparatus	CN	8/15/2001	B
	01129304.7	Optical system	CN	6/11/2001	B
	01130311.5	Method for reading pixel signal from multiple staggered sensor array	CN	11/20/2001	B
	01131306.4	Scanner concave mirror optical system device	CN	8/31/2001	B
	02102831.1	Scanning method and system for automatic scanning based on document property	CN	1/23/2002	B
	02102832.X	Scanning system and method without secondary scanning	CN	1/23/2002	B
	02102838.9	Method for improving the usability of defective marks in image processing system	CN	1/24/2002	B
	02108332.0	Method for corresponding scanned area to previewed and preselected area of image scanning device in normal scan	CN	3/28/2002	B
	02144325.4	Light source module for scanning device	CN	10/8/2002	B
	02101860.X	Optical path increasing module	CN	1/16/2002	B
	96123109.2	Digit compensated image processing device	CN	12/11/1996	B
	00132580.9	Scanner of synchronous dynamic random R/W memory and R/W method of memory	CN	11/29/2000	B
	200410039775.6	Light focusing structure improvement for scanner	CN	3/17/2003	B
	03136529.9	Side light back light module and LCD	CN	5/21/2003	B
	03178774.6	Biosensor with multiple time segments bias voltage adjustment	CN	7/18/2003	B
	91112975	以負片間區來校正負片影像的方法	TW	6/14/2002	B
	91106244	取得校正參數之掃描器方法	TW	3/29/2002	B
	91111786	具有輸入單元防呆功能的掃描器與運作方法	TW	5/31/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	91115612	讓不具備網路掃描功能之掃描器支援網路掃描	TW	7/12/2002	B
	91107397	影像掃描器之光學鏡頭裝置	TW	4/12/2002	B
	91132824	掃描裝置之光學系統	TW	11/7/2002	B
	91125110	改善掃描模組抖動的方法	TW	10/25/2002	B
	91133090	以匯流排電源驅動之掃描器	TW	11/11/2002	B
	91137427	雙面掃描裝置之運作方法	TW	12/26/2002	B
	92100062	可掃描正負片之具有一光源之掃描器	TW	1/2/2003	B
	91134239	可選擇與調整掃描器光源之方法	TW	11/25/2002	B
	91136593	掃描影像之色階值之一致性的測試方法	TW	12/18/2002	B
	92103824	掃描器之傳動裝置	TW	2/24/2003	B
	92112490	掃描器	TW	5/7/2003	B
	92105539	影像黑白交界之搜尋方法	TW	3/13/2003	B
	92105538	資料處理裝置	TW	3/13/2003	B
	92112491	鏡頭承載模組	TW	5/7/2003	B
	91132212	影像補償方法	TW	10/30/2002	B
	92107790	具有儲存能量背光裝置之掃描裝置	TW	4/4/2003	B
	91132867	具有遮光板之掃描模組及利用遮光板	TW	11/8/2002	B
	91137629	輸出文件的分離方法	TW	12/27/2002	B
	91134536	自動饋紙器	TW	11/20/2002	B
	92102626	具有擋紙功能的分張進紙裝置	TW	2/10/2003	B
	91133478	利用掃描器更新視窗內容的方法	TW	11/15/2002	B
	91133323	光源固定式掃描器之影像補償校正方法	TW	11/14/2002	B
	91135607	液體中特定成份之檢測裝置	TW	12/9/2002	B
	91137722	試片之檢驗區顯色反應判斷方法	TW	12/27/2002	B
	92118040	平板式燈源	TW	7/1/2003	B
	92122420	電池電量偵測方法及裝置	TW	8/14/2003	B
	92108864	具除塵裝置之掃描器	TW	4/16/2003	B
	92104496	光源模組結構及其設計方法	TW	3/4/2003	B
	92217035	導光板結構及背光模組	TW	9/23/2003	B
	92218097	背光模組	TW	10/9/2003	B
	93100110	直下式背光模組	TW	1/5/2004	B
	90103489	口袋式掃描裝置	TW	2/15/2001	B
	90108214	提昇掃描解析度之方法與裝置	TW	4/4/2001	B
	90118531	自動擷取靜態影像之裝置及方法	TW	7/31/2001	B
	90114514	改變驅動時序以輸出電荷耦合元件信號之方法	TW	6/15/2001	B
	90113780	掃描速度之控制裝置及控制方法	TW	6/7/2001	B
	90115716	掃描器之區域影像掃描方法	TW	6/28/2001	B
	90114255	自動設定掃描參數之裝置及方法	TW	6/13/2001	B
	90112059	光學系統	TW	5/21/2001	B
	91134231	幫助自我控制血糖值的血糖值長期觀測圖表建立方法	TW	11/25/2002	B
	92120767	光源模組結構及其設計方法	TW	7/30/2003	B
	91138108	利用上升曲線判斷血醣濃度	TW	12/31/2002	B
	91115508	雙面式影像掃描模組及其掃描方法	TW	7/12/2002	B

## Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	89106692	具有同步記憶體之掃描器及其操作方法	TW	4/11/2000	B
	90201622	附有平面式背光模組之平台式影像掃描裝置	TW	2/1/2001	B
	90119736	可下載週邊裝置韌體程式碼的週邊裝置及方法	TW	8/13/2001	B
	90122232	一種用於校準影像輸入裝置之影像框選範圍的方法	TW	9/7/2001	B
	90128363	具有功能選項之文件自動辨識及執行方法及其裝置	TW	11/8/2001	B
	91106266	增加訊號雜訊比的方法	TW	3/29/2002	B
	91213512	具有導光效果之透明平板	TW	8/29/2002	B
	90111786	自動依文件屬性進行掃描之掃描方法與掃描系統	TW	5/17/2001	B
	91108770	校正影像放大率的方法	TW	4/26/2002	B
	91115133	影像感應補償方法及影像感應補償結構	TW	7/9/2002	B
	79208787	彩色光學閱讀機之導軌式濾鏡驅動裝置	TW	8/8/1990	B
	81214289	光學閱讀機之濾鏡驅動裝置	TW	10/23/1992	B
	81300598	透明片掃描機	TW	1/24/1992	B
	81201140	透明片掃描之光源裝置	TW	1/25/1992	B
	81307991	影像掃描機	TW	10/21/1992	B
	81209583	彩色光學閱讀機之滾筒式濾鏡驅動裝置	TW	7/18/1992	B
	81108180	一種消除掃描影像條紋現象之方法	TW	10/15/1992	B
	81214018	一種消除影像橫條現象之裝置	TW	10/17/1992	B
	82204317	光學濾鏡裝置	TW	4/7/1993	B
	82109501	一種簡易數位式控制數位訊號同步方法	TW	11/11/1993	B
	83302819	電腦視訊轉換器	TW	4/15/1994	B
	83102678	利用簡易條碼快速將掃描文件自動歸檔建立索引之方法及裝置	TW	3/26/1994	B
	83202609	瓦楞紙式包裝緩衝結構	TW	2/25/1994	B
	83301420	透明片掃描裝置附件	TW	2/26/1994	B
	83301421	影像掃描機	TW	3/9/1994	B
	83209206	光學掃描機活動底板之抽取結構	TW	6/29/1994	B
	83206950	透明片掃描用之燈罩滑動結構	TW	5/19/1994	B
	83206947	光學掃描機燈罩亮度補償之改良	TW	5/19/1994	B
	83206946	光學掃描機結構改良	TW	5/19/1994	B
	83111987	全文檢索觸發之方法及裝置	TW	12/20/1994	B
	84300617	滾輪式灰階掃描器	TW	1/24/1995	B
	84300616	專業電腦影像轉換器	TW	1/24/1995	B
	84300322	透明片掃描機	TW	1/14/1995	B
	84308430	透明片掃描裝置附件	TW	1/14/1995	B
	85306927	自動送紙機	TW	3/10/1995	B
	84300320U01	影像掃描機聯合 (一)	TW	1/14/1995	B
	84300324	光碟機	TW	1/14/1995	B
	84300321	個人文件影像掃描機	TW	1/14/1995	B
	84300320	影像掃描機	TW	1/14/1995	B
	84102887	分段式影像平行處理及傳輸之方法與系統	TW	3/24/1995	B
	84203031	環保包裝結構	TW	3/9/1995	B

# Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	84102276A01	一種多量掃描之方法追加一	TW	4/18/2000	B
	84100594	光學掃描器之影像同步處理裝置	TW	1/24/1995	B
	84101288	一種掃描裝置之驅動方法	TW	2/13/1995	B
	84209411	掃描機送紙器結構改良	TW	7/5/1995	B
	84105643	光學掃描器的補點裝置	TW	6/6/1995	B
	84111373	高效率多量掃描之方法	TW	10/27/1995	B
	84307456	迷你型電腦視訊轉換器	TW	9/8/1995	B
	84306269	A3大型影像掃描機	TW	7/29/1995	B
	85211624	多次掃描影像掃描裝置	TW	7/29/1996	B
	85211358	三鏡片多次反射之光程裝置	TW	7/24/1996	B
	85210929	光學掃描機掃描用之燈源裝置	TW	7/17/1996	B
	85306928U01	掃描器聯合一	TW	8/24/1996	B
	85306928	掃描器	TW	8/23/1996	B
	85212615	具有改良移動機構之掃描用光學系統	TW	8/17/1996	B
	85211695	雙鏡片多次反射之光程裝置	TW	7/30/1996	B
	85216125	掃描用光學系統移動裝置改良	TW	10/19/1996	B
	85308164	幻燈片掃描罩	TW	10/2/1996	B
	85214936	光學掃描機移動體扣合件結構改良	TW	9/26/1996	B
	85307241	波浪型掃描器	TW	8/31/1996	B
	85309946	影像捕捉器	TW	11/26/1996	B
	85217717	包裝緩衝結構	TW	11/19/1996	B
	85113057	以多次加權取樣分別處理的影像處理裝置	TW	10/24/1996	B
	85216287	雙鏡頭光學掃描機之鏡頭切換裝置改良	TW	10/22/1996	B
	85218816	兼具反射與透光掃描功能之單一光源光學影像掃描裝置	TW	12/5/1996	B
	86102455	VGA轉TV之任意放大及縮小控制裝置	TW	2/27/1997	B
	86200187	穿透式光學掃描機結構改良	TW	1/7/1997	B
	86101988	數位掃描之運動失真補償裝置與操作方法	TW	2/19/1997	B
	86201798	組合式複合包裝材	TW	2/1/1997	B
	86303065	送紙式掃描器	TW	4/14/1997	B
	86302865	送紙式掃描器	TW	4/10/1997	B
	86205421	光學掃描機之原稿面玻璃承載結構	TW	4/8/1997	B
	86304517	電腦	TW	5/27/1997	B
	86206014	包裝用緩衝結構體	TW	4/17/1997	B
	86210433	可改變饋紙方向之饋紙式掃描裝置	TW	6/24/1997	B
	86304745	掃描器(LIFE)	TW	6/3/1997	B
	86208898	具有活動門蓋之殼體結構	TW	5/30/1997	B
	86304517U01	電腦(聯合一)	TW	5/27/1997	B
	86114627	監控保全系統	TW	10/7/1997	B
	86216724	掃描機移動體之鎖固結構	TW	10/2/1997	B
	86305617	影像掃描器	TW	6/30/1997	B
	86218741	自動送紙機構(二)	TW	11/7/1997	B
	86218742	自動送紙機構(一)	TW	11/7/1997	B
	86217487	相機鏡頭光圈切換機構改良	TW	10/16/1997	B

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	86216206	相機鏡頭調焦機構	TW	9/23/1997	B
	86310232	掃描器	TW	11/28/1997	B
	86310212	掃描器	TW	11/28/1997	B
	86310211	掃描器	TW	11/28/1997	B
	86221595	攝像系統鏡頭模組球面運動之調整機構	TW	12/29/1997	B
	86221512	相機鏡頭光圈切換機構改良(一)	TW	12/27/1997	B
	86310294	掃描器	TW	12/2/1997	B
	86220492	數位相機之鏡頭移動機構	TW	12/9/1997	B
	86221771	切換光圈機構	TW	12/31/1997	B
	86221594	影像拍攝系統影像擷取模組位置調整機構	TW	12/29/1997	B
	88203711	滑動機件之鎖扣結構	TW	3/12/1999	B
	87200346	CMOS光學掃描裝置	TW	1/9/1998	B
	87200596	進紙裝置(二)	TW	1/14/1998	B
	87200597	進紙裝置(一)	TW	1/14/1998	B
	87200764	內建式掃描機結構	TW	1/16/1998	B
	87208294	光學掃描機鏡座定位裝置	TW	5/27/1998	B
	87303899	掃描器 S12III	TW	5/27/1998	B
	87202734	穿透式光學掃描機	TW	2/25/1998	B
	87201821	接觸式掃描裝置	TW	2/7/1998	B
	87305283	掃描器(DX-800)	TW	7/21/1998	B
	87210819	電路板功能之測試裝置	TW	7/6/1998	B
	87210675	掃描機導軌機構改良	TW	7/3/1998	B
	87210136	鏡頭模組光圈自動切換機構	TW	6/24/1998	B
	87304361	掃描器 ASTRA 620 SERIES	TW	6/12/1998	B
	87214059	紙張重行定位機構	TW	8/27/1998	B
	87214707	自動送紙器掃描影像擾動之規正機構	TW	9/7/1998	B
	87214276	一種可讓反射式掃描器掃描透片文件之裝置	TW	8/31/1998	B
	87216676	可攜式影像掃描裝置	TW	10/9/1998	B
	87216167	多相多齒模齒輪結構	TW	9/30/1998	B
	87219674	具掃描裝置之監視器	TW	11/26/1998	B
	88201007	可調整輝度之光程裝置	TW	1/21/1999	B
	88200565	鏡頭之改良多片式光圈	TW	1/14/1999	B
	88210245	移行機構之連結排線防護結構	TW	6/22/1999	B
	88303368	相機及其底座	TW	5/24/1999	B
	88116884	具有反向雙傳動機構的影像掃描裝置與方法	TW	9/30/1999	B
	88211363	手帶自動回收束緊之相機	TW	7/8/1999	B
	88215789	上透片附件(UTA)之光源組件用防抖動機構	TW	9/15/1999	B
	88114079	掃描器人機介面執行方法及應用其之系統(一)	TW	8/18/1999	B
	88114080	掃描器人機介面執行方法及應用其之系統(二)	TW	8/18/1999	B
	88216156	皮帶牽引線之張力調整機構	TW	9/22/1999	B
	88219499	內建使用IEEE 1394介面儲存裝置之掃描器	TW	11/17/1999	B
	88120700	半透明軟體使用者介面製作方法	TW	11/26/1999	B
	88306082	掃描器(EAGLE)	TW	9/16/1999	B
	89200322	掃描器之驅動裝置	TW	1/10/2000	B

# Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	89113470	掃描器之調焦機構與方法	TW	7/7/2000	B
	89217604	具有掃描區域選取裝置之影像掃描裝置	TW	1/21/2000	B
	89211693	可進行單色與彩色掃描之掃描器	TW	7/7/2000	B
	90127725	掃描器之多次無方向性掃描方法	TW	11/8/2001	B
	89211695	掃描器之傳動機構	TW	7/7/2000	B
	89203084	掃描器之軸套裝置	TW	2/25/2000	B
	89208099	光學掃描器上的直流馬達譯碼器的裝置結構	TW	5/15/2000	B
	89301129	掃描器(kangaroo)	TW	2/19/2000	B
	89122370	影像掃描器之光線傳輸及感測裝置	TW	10/24/2000	B
	89211873	掃描器之承架水平自動調整裝置	TW	7/11/2000	B
	89211697	凹槽滑動式掃描裝置	TW	7/7/2000	B
	89211699	自走式掃描裝置	TW	7/7/2000	B
	89113163	單一燈源之穿透/反射稿兩用之掃描方法	TW	7/4/2000	B
	89110440	紅外線於光學掃描器使用上之改良方法	TW	5/30/2000	B
	89207838	光學掃描器之光源機構	TW	5/10/2000	B
	89121671	掃描裝置	TW	10/17/2000	B
	89211622	可切換解析度之光學掃描器	TW	7/6/2000	B
	89118887	鑑知系統調整轉換作用值範圍的方法	TW	9/15/2000	B
	91200014	穿透式模組之組合傳動架構	TW	1/4/2002	B
	89214860	掃描器之調焦裝置	TW	8/29/2000	B
	89217904	反射與穿透式掃描裝置	TW	10/17/2000	B
	90201536	可切換反射式或透射式之掃描系統裝置	TW	1/30/2001	B
	89213386	影像掃描裝置之可移動校正區調整結構	TW	8/2/2000	B
	90101244	自動對焦機構及方法	TW	1/19/2001	B
	89219075	光學反射裝置	TW	11/3/2000	B
	89215533	具有反射式與穿透式掃描光路切換鏡片之影像掃描裝置	TW	9/7/2000	B
	91200048	具有多種影像擷取模式之掃描器	TW	1/8/2002	B
	89119120	同步動態隨機存取記憶體掃描器及記憶體存取方法	TW	9/18/2000	B
	89215793	掃描器之快速組裝結構	TW	9/13/2000	B
	90120583	提高調變轉換函數之交錯式感測器及應用其之方法	TW	8/22/2001	B
	90119865	提高調變轉換函數之方法	TW	8/14/2001	B
	89124755	控制掃描器多組馬達與感測器的裝置與方法	TW	11/22/2000	B
	89122404	掃描器光學掃描模組之雙向驅動裝置及方法	TW	10/25/2000	B
	89119046	具有複合功能按鍵之掃描器輸入裝置與操作方法	TW	9/16/2000	B
	89221774	一種掃描裝置之可縮合式外殼裝置	TW	12/15/2000	B
	90100388	掃描器之影像掃描系統與方法	TW	1/8/2001	B
	90210940	自動送紙器之調焦裝置	TW	6/29/2001	B
	90202476	掃描器之背光源照明區域改良結構	TW	2/20/2001	B
	89307789	掃描器(astra4400)	TW	11/20/2000	B
	89307788	掃描器(astra5500)	TW	11/20/2000	B
	90102692	可繪圖編輯之掃描器	TW	2/7/2001	B

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	90200331	貼合有鍍膜反射薄板之光學引擎	TW	1/9/2001	B
	90105346	可自動定位影像讀取裝置之光學掃描器	TW	3/7/2001	B
	90108255	掃描器連接介面及使用其之週邊裝置與方法	TW	4/6/2001	B
	90108256	部分掃描區域亮度補償之判斷方法	TW	4/6/2001	B
	90110224	筆型掃描裝置	TW	4/27/2001	B
	90201919	鋼線調整機構	TW	2/8/2001	B
	90120795	一種自動進紙機構之文件檢測方法	TW	8/24/2001	B
	90213348	可攜式掃描裝置	TW	8/6/2001	B
	90210245	一種改良之掃描透片模組	TW	6/19/2001	B
	90206234	承載模組減震裝置	TW	4/20/2001	B
	90129928	可統一共用連接介面之系統與方法及其中之掃描器及周邊裝置	TW	12/4/2001	B
	90113779	影像掃描之振動補償裝置及振動補償方法	TW	6/7/2001	B
	90113777	影像掃描補償裝置	TW	6/7/2001	B
	90115904	檢測自動送紙掃描裝置歪斜方法	TW	6/29/2001	B
	90108259	具有複數個界面之週邊產品的省電方法以及裝置	TW	4/6/2001	B
	90208074	齒輪結構	TW	5/17/2001	B
	90111384	具有掃描功能之掌上型事務機	TW	5/11/2001	B
	90108739	擷取一數位圖片的方法及系統	TW	4/12/2001	B
	90212294	影像掃描裝置	TW	7/20/2001	B
	90114257	具有全區域精確定位之掃描器及方法	TW	6/13/2001	B
	90207269	掃描器之掃描載具之固定結構	TW	5/4/2001	B
	90206092	固定掃描載具反射片之裝置	TW	4/18/2001	B
	90112470	掃描系統之影像擷取方法	TW	5/24/2001	B
	90114647	自動掃描系統及掃描方法	TW	6/15/2001	B
	90111787	不需要二次掃描之掃描系統及掃描方法	TW	5/17/2001	B
	90213217	自動掃描裝置	TW	8/3/2001	B
	90117051	具有自動饋進裝置之分離式掃描器	TW	7/12/2001	B
	90207783	具自走式載架傳動裝置之掃描器	TW	5/11/2001	B
	90115516	一步兩曝光之掃描方法	TW	6/27/2001	B
	90113304	掃描器上降低傳輸雜訊干擾的裝置與方法	TW	6/1/2001	B
	90209412	多向自由度之樞紐結構	TW	6/6/2001	B
	90207460	具太陽能輔助電源之掃描器	TW	5/8/2001	B
	90212634	伸縮式平衡裝置	TW	7/25/2001	B
	90208800	用以使載架與正時皮帶扣接之皮帶扣接裝置	TW	5/29/2001	B
	90208434	具語言輸入操作功能之掃描器	TW	5/23/2001	B
	90121534	用於製造掃描器的半自動化調整機構	TW	8/30/2001	B
	90206061	附有備用傳動皮帶之傳動機構	TW	4/18/2001	B
	90114060	具有饋紙式與平台式雙重掃描功能之掃描器控制方法	TW	6/11/2001	B
	90113778	可減少多張影像掃描時間的方法	TW	6/7/2001	B
	90208801	旋轉式光路對準裝置	TW	5/29/2001	B
	90114256	一步多段曝光掃描方法	TW	6/13/2001	B
	90208010	光機模組之結合裝置	TW	5/17/2001	B

# Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	90113736	光學掃描器之掃描方法	TW	6/6/2001	B
	90207458	以掀蓋控制之掃描器電源啟閉裝置	TW	5/8/2001	B
	90113303	掃描器之顏色掃描自動判斷方法	TW	6/1/2001	B
	90211673	自動回位鎖固裝置	TW	7/13/2001	B
	90210748	透射式掃描光源裝置	TW	6/27/2001	B
	90129604	一種補償記憶體之設計方法與裝置	TW	11/30/2001	B
	90209284	影像掃描器之底片掃描裝置	TW	6/5/2001	B
	90114061	自動辨識掃描區域的方法	TW	6/11/2001	B
	90122855	自動送紙器之景深調整裝置及方法	TW	9/14/2001	B
	90211562	掃描器之指紋採集輔助裝置	TW	7/10/2001	B
	90117000	可置換式模組化連結傳動裝置	TW	7/11/2001	B
	90112467	影像測試用圖表檢具	TW	5/24/2001	B
	90215547	自動饋紙裝置之饋紙滾輪壓力調節機構	TW	9/10/2001	B
	90213170	自動饋紙裝置之壓紙及擋紙整合彈片結構	TW	8/3/2001	B
	90213171	具有相對易斷點之物件夾持結構	TW	8/3/2001	B
	90212331	小型化聚焦透鏡之結構	TW	7/20/2001	B
	90211561	掃描器之光程調整機構	TW	7/10/2001	B
	90122596	步進馬達之控制裝置及其控制方法	TW	9/12/2001	B
	91114899	判斷傳動裝置之傳動步相之方法	TW	7/5/2002	B
	90119091	電荷耦合元件之辨識裝置	TW	8/3/2001	B
	90119093	掃描方法	TW	8/3/2001	B
	90223292	掃描器文件承載裝置	TW	12/28/2001	B
	90131472	步進馬達控制裝置及其控制方法	TW	12/19/2001	B
	90124017	影像掃描之多次取樣方法	TW	9/28/2001	B
	90132646	自動辨別影像物大小之掃描方法與裝置	TW	12/28/2001	B
	90116718	攝像設備中的高速校準方法與系統	TW	7/9/2001	B
	90131275	檢測調校掃描器傳動機構之裝置及方法	TW	12/18/2001	B
	90212543	光學鏡頭承靠結構	TW	7/24/2001	B
	90212541	高度調整結構	TW	7/24/2001	B
	90217845	可聲控之掃描器	TW	10/19/2001	B
	90114648	攝像設備的校正方法	TW	6/15/2001	B
	90211999	可置換校正片之光學掃描器	TW	7/17/2001	B
	90119095	掃描方法	TW	8/3/2001	B
	90116664	一種用於掃描器的文件自動掃描方法	TW	7/6/2001	B
	90213699	紙張輸送裝置之寬度調整機構	TW	8/10/2001	B
	90211432	一種掃描器之文件承載面結構	TW	7/6/2001	B
	90215894	掃描器之調校裝置	TW	9/14/2001	B
	90125181	解決光電子交互耦合之方法	TW	10/12/2001	B
	90212540	夾持結構	TW	7/24/2001	B
	90215857	光學影像掃描模組之彈性承載結構	TW	9/14/2001	B
	90213861	光學掃描器蓋板連結裝置	TW	8/14/2001	B
	90215079	移行模組之排線壓制定位結構	TW	9/3/2001	B
	90214439	承載裝置	TW	8/23/2001	B
	90212420	反射鏡片承靠結構	TW	7/23/2001	B



# Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	90215078	具有文件導引及壓平構件之直立式掃描器掀蓋結構	TW	9/3/2001	B
	90215077	掃描器光學模組之鏡頭固定結構	TW	9/3/2001	B
	90117961	從多堆疊感測器陣列讀取像素訊號的方法	TW	7/24/2001	B
	90215080	移行模組之傳動皮帶壓制限位結構	TW	9/3/2001	B
	90213862	文件固定裝置	TW	8/14/2001	B
	90121808	適用於掃描器上的光學裝置及方法	TW	9/4/2001	B
	90122230	一種掃描器自動框選一負片一連續負片之有效範圍方法	TW	9/7/2001	B
	90129244	步進馬達	TW	11/27/2001	B
	90130298	步進馬達抑制震動控制裝置及其控制方法	TW	12/7/2001	B
	90133066	利用重力加速度掃描之掃描裝置	TW	12/31/2001	B
	90131473	偵測馬達驅動晶片形式的方法	TW	12/19/2001	B
	90130300	提昇掃描速度之方法及掃描系統	TW	12/7/2001	B
	90124611	增進掃描速度之方法及掃描系統	TW	10/5/2001	B
	90122970	掃描器掃描壓縮比自動判別法	TW	9/19/2001	B
	90214253	自走式傳動機構	TW	8/21/2001	B
	90214965	滑牙孔螺絲鎖付構件	TW	8/31/2001	B
	90214797	一種用於名片型掃描器之傳動裝置	TW	8/29/2001	B
	90123863	即時影像壓縮及色衰影像壓縮之處理方法	TW	9/27/2001	B
	90131474	掃描器影像補償方法	TW	12/19/2001	B
	90126135	可支援各式接腳之連接器的主機板及其設計方法	TW	10/23/2001	B
	90128447	不同連接器共用同一區域之印刷電路板及其偵測方法	TW	11/16/2001	B
	90118004	掃描灰階影像之方法及系統	TW	7/24/2001	B
	90121567	消除步進馬達運動時所產生之雜訊對感光元件干擾之方法	TW	8/31/2001	B
	90126137	利用K值補償拉鍊影像及計算K值的方法	TW	10/23/2001	B
	90127726	淡化拉鍊影像的方法	TW	11/8/2001	B
	90215102	掃描器軸套裝置	TW	9/4/2001	B
	90217517	移行模組之排線夾制定位件	TW	10/15/2001	B
	90216604	鎖固維護裝置	TW	9/28/2001	B
	90133091	掃描器之雙向序列控制方法及裝置	TW	12/31/2001	B
	90132645	旋轉式光學掃描裝置及方法	TW	12/28/2001	B
	90222718	掃描器檢測裝置	TW	12/25/2001	B
	90217024	自動送紙裝置之置紙式平台改良結構	TW	10/5/2001	B
	90123709	傳動機構	TW	9/26/2001	B
	90215546	直立式掃描器之光學模組承載及移行結構	TW	9/10/2001	B
	90215666	齒輪嚙合緩衝機構	TW	9/12/2001	B
	90126136	掃描器之高解析度感測方法	TW	10/23/2001	B
	90215214	移行模組之排線箱制定位件	TW	9/5/2001	B
	90123517	可變化光程長導光裝置及方法	TW	9/25/2001	B
	90128419	一種光程增加模組	TW	11/16/2001	B
	90217023	螺柱之置換裝置	TW	10/5/2001	B

# Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	90217027	單刀雙開二維編碼電路	TW	10/5/2001	B
	90217026	掃描器之文件壓制及定位結構	TW	10/5/2001	B
	90219171	可更換不同背景顏色之掃描器蓋板	TW	11/8/2001	B
	91114900	影像擷取聚光裝置及方法	TW	7/5/2002	B
	90219206	皮帶定位結構	TW	11/8/2001	B
	90217607	彈簧定位結構	TW	10/16/2001	B
	90219586	蓋板轉軸緩衝機構	TW	11/14/2001	B
	90126969	影像掃描系統之校正方法	TW	10/31/2001	B
	90218525	光學機構調整圖表	TW	10/30/2001	B
	90130740	攝像裝置的自動偵測系統	TW	12/12/2001	B
	90218997	光學掃描器校正色板	TW	11/6/2001	B
	90219205	取紙機構	TW	11/8/2001	B
	90127591	具可提供掃描背景之透射模組之掃描器	TW	11/6/2001	B
	91219954	光學掃描器	TW	12/10/2002	B
	90130302	用以投影與擷取一顯示介面的裝置	TW	12/7/2001	B
	90217918	掃描器之鏡頭固定機構	TW	10/19/2001	B
	90219207	光學掃描器燈管固定裝置	TW	11/8/2001	B
	90218251	可調夾合距離之掃描器掀蓋結構	TW	10/25/2001	B
	90219170	傳輸訊號延遲式電磁干擾防制電路	TW	11/8/2001	B
	90125501	在批次或多次掃描後執行自動對焦之方法	TW	10/16/2001	B
	90219208	軸棒承靠結構	TW	11/8/2001	B
	90222563	掃描器之光源補光裝置	TW	12/21/2001	B
	90219953	影像擷取單元軸套裝置	TW	11/20/2001	B
	90218250	具有旋轉式蓋板之掃描器	TW	10/25/2001	B
	90129003	批次掃描即時顯示之影像掃描裝置及其操作方法	TW	11/23/2001	B
	90221095	一種改良的平台式掃描器	TW	12/4/2001	B
	90125504	將掃描器之掃描資料多次取樣及平均運算之方法	TW	10/16/2001	B
	90129004	掃描器之選擇性壓縮功能	TW	11/23/2001	B
	90223299	具可抹寫之掃描器	TW	12/28/2001	B
	90129590	使影像掃描裝置之正規掃描範圍對映預覽	TW	11/29/2001	B
	91201297	光學掃描器手動變速裝置	TW	2/5/2002	B
	90220691	掃描器之文件蓋與上下蓋之結合結構	TW	11/29/2001	B
	90223298	L型反射鏡面組	TW	12/28/2001	B
	90222764	線性導引機構	TW	12/25/2001	B
	90221096	一種應用於掃描器之可裝卸的掃描平台構造	TW	12/4/2001	B
	90223169	影像掃描裝置光學模組之光補償結構	TW	12/27/2001	B
	90223792	光學影像擷取裝置	TW	12/31/2001	B
	90132963	具有多種畫素尺寸之影像感知器	TW	12/28/2001	B
	91205293	具有定位點的覆蓋式掃描器	TW	4/19/2002	B
	91217163	線性導引對焦裝置	TW	10/25/2002	B
	90221946	線性微調裝置	TW	12/14/2001	B
	91116234	光學掃描器	TW	7/22/2002	B
	90223791	線性導引裝置	TW	12/31/2001	B
	90222930	夾持裝置	TW	12/26/2001	B

# Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	90132294	自動調整尖銳化加權值的方法	TW	12/26/2001	B
	91201524	掃描裝置	TW	2/7/2002	B
	90223793	光學鏡頭微調結構	TW	12/31/2001	B
	90223789	光學掃描器透光板	TW	12/31/2001	B
	90223790	原稿面微調機構	TW	12/31/2001	B
	91200845	電路板固定裝置	TW	1/28/2002	B
	90132622	掃描器之可動式鎖固裝置及其鎖固方法	TW	12/27/2001	B
	90132295	攝像裝置的補償方法	TW	12/26/2001	B
	90223758	影像擷取系統的鏡片強化與抗震機構	TW	12/31/2001	B
	91200204	傳動皮帶夾持裝置	TW	1/14/2002	B
	90133068	影像擷取系統之光路佈局及其達成方法	TW	12/31/2001	B
	90222937	光學掃描器光源聚光裝置	TW	12/26/2001	B
	90132686	掃描器用光學載具及形成方法	TW	12/28/2001	B
	90132687	雙向掃描的掃描方式	TW	12/28/2001	B
	91202095	文件翻譯掃描器	TW	2/21/2002	B
	90224200	掃描器傳動機構之改良裝置	TW	12/31/2001	B
	91115608	用以接收光信號之光感應元件	TW	7/12/2002	B
	91202043	讀字掃描器	TW	2/20/2002	B
	90223227	掃描器之調校裝置	TW	12/27/2001	B
	90223168	具有集光結構之饋紙式掃描器原稿承置面	TW	12/27/2001	B
	91105505	結合列印頭之掃描模組的方法與系統	TW	3/22/2002	B
	91105506	具有針孔成像裝置之光學掃描器	TW	3/22/2002	B
	91109196	可立即清除輸入字串之方法及裝置	TW	5/3/2002	B
	91109846	影像掃描裝置之焦距尋找方法	TW	5/10/2002	B
	91112278	影像掃描裝置之選定區域掃描對焦方法	TW	6/7/2002	B
	91109966	影像掃描裝置之最佳化自動調焦方法	TW	5/14/2002	B
	91213450	影像掃描裝置之影像端光路調整結構	TW	8/28/2002	B
	91102280	全覽與預覽畫面切換的操作方式與系統	TW	2/7/2002	B
	91103240	利用互補式線對測量系統調變轉換函數值之方法	TW	2/25/2002	B
	91107565	可變換掃描解析度之方法與其裝置	TW	4/15/2002	B
	91207608	光路收合折疊裝置	TW	5/24/2002	B
	91202040	分張機構	TW	2/20/2002	B
	91113723	自動送紙式掃描器之掃描方法	TW	6/24/2002	B
	91109978	文件感測器及其感測方法	TW	5/14/2002	B
	91204837	壓紙機構	TW	4/12/2002	B
	91108282	負片觀看裝置	TW	4/22/2002	B
	91108283	可拍攝負片並顯示負片反相影像之影像擷取裝置及方法	TW	4/22/2002	B
	91110462	用以穩固EMI磁蕊之彈性夾持裝置	TW	5/17/2002	B
	91208605	光學掃描器之光源補償裝置	TW	6/11/2002	B
	91108284	光源模組及其製造方法	TW	4/22/2002	B
	91106824	自動進紙裝置	TW	4/4/2002	B
	91215037	感測元件之微調結構	TW	9/24/2002	B
	91209775	掃描器屏蔽線纜之結構	TW	6/28/2002	B

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	91205335	燈管保護裝置	TW	4/19/2002	B
	91107564	鏡頭檢驗治具	TW	4/15/2002	B
	91203646	遮光裝置	TW	3/25/2002	B
	91110574	解析度測試圖表之參考位置的偵測方法	TW	5/20/2002	B
	91107563	掃描系統照明結構	TW	4/15/2002	B
	91208126	模組化按鍵	TW	6/3/2002	B
	91204838	定位機構	TW	4/12/2002	B
	91112435	利用虛擬掃描框架進行掃描之方法	TW	6/7/2002	B
	91110572	加速資料傳輸之影像資料處理方法	TW	5/20/2002	B
	91110573	加速資料傳輸之影像資料處理方法	TW	5/20/2002	B
	91117411	掃描器	TW	8/2/2002	B
	91205579	摩擦片傳動結構	TW	4/24/2002	B
	91205523	浮動式視窗	TW	4/23/2002	B
	91206013	接觸式掃描器之景深保持裝置及機構	TW	4/30/2002	B
	91109315	具有透光狹縫的掃描模組	TW	5/6/2002	B
	91123654	電荷耦合板之微調治具	TW	10/15/2002	B
	91206994	光學感測器固定裝置	TW	5/16/2002	B
	91209617	光學掃描模組鎖定裝置	TW	6/26/2002	B
	91211436	設置於掃描器之容置結構	TW	7/26/2002	B
	91116868	判斷回復位置的方法	TW	7/29/2002	B
	91111220	自動調整臨限二色階畫質灰階值的方法	TW	5/27/2002	B
	91115613	選擇色衰校正曲線之方法	TW	7/12/2002	B
	91117367	色彩飽和度自動測試方法	TW	8/1/2002	B
	91213141	可控制間隙之軸套	TW	8/23/2002	B
	91210290	降低景深誤差之彈性裝置	TW	7/5/2002	B
	91109646	掃描器中光源均勻化之方法	TW	5/9/2002	B
	91217888	掃描頭之光學總成	TW	11/7/2002	B
	91209349	緩衝避震結構	TW	6/21/2002	B
	91112615	具有雙面掃描功能之掃描器組及其中之光源控制方法	TW	6/11/2002	B
	91113701	可消除雜散光之掃描器	TW	6/21/2002	B
	91112968	可補償光路徑所造成之光衰減之補償光源及設計方法	TW	6/13/2002	B
	91110205	搬運車及搬運車攀爬樓梯之方法	TW	5/16/2002	B
	91211315	光學掃描模組之燈管異物清除固定治具	TW	7/24/2002	B
	91214341	具有緩衝作用之掃描器外殼	TW	9/12/2002	B
	91119097	產生校正曲線的方法	TW	8/23/2002	B
	91215469	掃描裝置之緩衝結構	TW	9/30/2002	B
	91119333	原稿面之相對亮度量測法	TW	8/27/2002	B
	91114488	無捲軸方式的控制鈕及其控制方法	TW	7/1/2002	B
	91211854	具有減速機構之掃描模組	TW	8/1/2002	B
	91116869	光學掃描模組掃描穩定裝置	TW	7/29/2002	B
	91113127	傳動機構及應用其之掃描器	TW	6/17/2002	B
	91117534	光學掃描模組	TW	8/5/2002	B

## Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	91113126	掃描器之吸音裝置	TW	6/17/2002	B
	91209348	線性導引機構	TW	6/21/2002	B
	91209880	多傳輸影像掃描器	TW	6/28/2002	B
	91217889	景深調測裝置	TW	11/7/2002	B
	91119086	掃描器	TW	8/23/2002	B
	91113446	裝置序號產生的方法	TW	6/20/2002	B
	91111324	不需重新啟動應用	TW	5/28/2002	B
	91209878	攝像文件固定裝置	TW	6/28/2002	B
	91115614	文件饋入系統	TW	7/12/2002	B
	91111815	生產流動線以及使用此生產流動線之工件的生產方法	TW	6/3/2002	B
	91115275	可避免錯誤影像之影像校正方法	TW	7/10/2002	B
	91209879	齒輪傳動系統	TW	6/28/2002	B
	91113585	應用具有自我集光效果之光源元件的掃描器	TW	6/21/2002	B
	91116195	光軸角度調節裝置及其調整方法	TW	7/19/2002	B
	91115658	具有色度補償功能之掃描模組	TW	7/15/2002	B
	91116322	全區段光學影像定址裝置	TW	7/23/2002	B
	91121210	燈源模組	TW	9/17/2002	B
	91111027	掃描器電路結構	TW	5/24/2002	B
	91116443	掃描器	TW	7/24/2002	B
	91113978	應用於週邊裝置之錯誤回報及amend方法	TW	6/26/2002	B
	91208915	焦深調整裝置	TW	6/14/2002	B
	91214878	軸棒之減震結構	TW	9/20/2002	B
	91216995	自動文件饋紙裝置及具有自動文件饋紙裝置之掃描器	TW	10/24/2002	B
	91114786	掃描器之光源模組	TW	7/4/2002	B
	91209919	手動扣合及自動掀開裝置	TW	7/1/2002	B
	91119633	饋紙器之傳動機構	TW	8/29/2002	B
	91115874	具有雙面掃描功能之掃描器2	TW	7/16/2002	B
	91116064	具有雙面掃描功能之掃描器	TW	7/18/2002	B
	91211595	滑軌高度調整組件	TW	7/29/2002	B
	91120413	具有讓位功能之感測件	TW	9/9/2002	B
	91214778	掃描器	TW	9/19/2002	B
	91118944	鏡頭模組	TW	8/22/2002	B
	91117269	判斷文件範圍之方法及其所對應的掃描器結構	TW	8/1/2002	B
	91117410	掃描器	TW	8/2/2002	B
	91122105	能提升步進馬達的微步精度之定電流驅動電路	TW	9/26/2002	B
	91115261	可補償感光元件所造成之色度差之色度補償鏡頭	TW	7/9/2002	B
	91116306	具有光補償效應之燈管	TW	7/22/2002	B
	91213961	掃描器之鎖固機構	TW	9/5/2002	B
	91214641	自動調整皮帶張力之機構	TW	9/17/2002	B
	91116065	掃描裝置2	TW	7/18/2002	B
	91116066	掃描裝置	TW	7/18/2002	B
	91213460	彈性軸套機構	TW	8/28/2002	B

## Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	91122106	以差動對模式傳輸類比電子訊號..	TW	9/26/2002	B
	91124948	鏡架組合	TW	10/25/2002	B
	91114253	光學掃描器之影像校正方法與裝置	TW	6/28/2002	B
	91211771	掃描器載架之自動鎖固裝置	TW	7/31/2002	B
	91118945	可開啟定位文件蓋於上蓋上之掃描器	TW	8/22/2002	B
	91116307	可穩定掃描模組之穩定模組	TW	7/22/2002	B
	91121083	具有框選單元之掃描器及框選掃描方法	TW	9/13/2002	B
	91116308	防止光機幌動裝置	TW	7/22/2002	B
	91120805	雙向式自動饋紙機構及其饋紙方法	TW	9/11/2002	B
	91121084	連續掃描時影像校正之方法	TW	9/13/2002	B
	91118725	自動饋紙器	TW	8/19/2002	B
	91120221	自動饋紙器	TW	9/4/2002	B
	91116824	鏡頭微調裝置	TW	7/26/2002	B
	91119316	自動饋紙器之夾持機構	TW	8/26/2002	B
	91215716	具電性連接功能之掃描器樞軸裝置	TW	10/3/2002	B
	91211772	具自動解鎖功能之掃描器載架鎖固裝置	TW	7/31/2002	B
	91212873	具自動解鎖功能之掃描器載架鎖固機構	TW	8/19/2002	B
	91124463	改善影像辨識率的方法	TW	10/23/2002	B
	91137718	多條校正曲線之校正方法與裝置	TW	12/27/2002	B
	91119933	去除色衰雜訊的方法	TW	9/2/2002	B
	91119096	掃描器影像校正方法	TW	8/23/2002	B
	91214438	雙層光學反射裝置	TW	9/13/2002	B
	91211986	具有導光效果之導引機構	TW	8/5/2002	B
	91216997	具有定位片承載結構之掃描器	TW	10/24/2002	B
	91118639	調整反射鏡片至其最佳位置之方法	TW	8/19/2002	B
	91215717	掃描器之載架傳動輔助系統	TW	10/3/2002	B
	91120807	影像校正方法	TW	9/11/2002	B
	91113831	多方摺紙式之緩衝包材	TW	6/25/2002	B
	91209523	可堆疊式之緩衝包材	TW	6/25/2002	B
	91216038	氣體吸震式包材	TW	10/9/2002	B
	91216164	高度調整裝置	TW	10/11/2002	B
	91213138	定位結構	TW	8/23/2002	B
	91116321	導光裝置	TW	7/23/2002	B
	91118156	防止卡鍵之按鍵結構及其設計方法	TW	8/13/2002	B
	92201587	掃描模組之軟式連結排線摺疊架構	TW	1/28/2003	B
	91211855	彈性固定機構	TW	8/1/2002	B
	91124657	檢驗燈源製具及檢驗燈源方法	TW	10/24/2002	B
	91214563	具開口與開口屏蔽物之機殼	TW	9/16/2002	B
	91122567	可加速計算之影像資料雜訊過濾方法	TW	9/30/2002	B
	91216222	一種防止影像失真的傳動裝置	TW	10/11/2002	B
	91123516	鏡頭調整方法及其調整裝置	TW	10/11/2002	B
	91134226	短光徑攝像裝置	TW	11/25/2002	B
	91118262	光源裝置	TW	8/14/2002	B
	91115113	光源模組改良結構	TW	7/9/2002	B

## Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	91217149	具正八面鏡之影像擷取裝置	TW	10/25/2002	B
	91217165	文件傳送裝置	TW	10/25/2002	B
	91220174	可調整鞋跟高度之結構	TW	12/12/2002	B
	91216998	吹乾殺菌裝置	TW	10/24/2002	B
	91216855	線材固定結構	TW	10/22/2002	B
	91212597	掃描平台之承載結構	TW	8/14/2002	B
	91216996	雙開式文件蓋	TW	10/24/2002	B
	91220175	插座組	TW	12/12/2002	B
	91219390	紙張分張裝置	TW	11/29/2002	B
	91221350	一種防止影像失真的傳動裝置	TW	12/27/2002	B
	91117857	取消掃描裝置中之記憶體的方法	TW	8/8/2002	B
	91216964	光程裝置	TW	10/23/2002	B
	91219729	具有排線拘束物之掃描器	TW	12/5/2002	B
	91217959	具有排線拘束物之掃描器	TW	11/8/2002	B
	91216925	鏡片之承靠與固定裝置	TW	10/23/2002	B
	91219728	可攜式掃描器	TW	12/5/2002	B
	91220381	具有排線固定結構之掃描器	TW	12/16/2002	B
	91221302	複合式包裝結構	TW	12/27/2002	B
	91220173	電源模組以及具有電源模組之光學掃描器	TW	12/12/2002	B
	92200371	紙氣泡式緩衝材	TW	1/9/2003	B
	91220382	定位件	TW	12/16/2002	B
	91219789	滾輪組件	TW	12/6/2002	B
	91119085	掃描器之影像邊界增強方法	TW	8/23/2002	B
	91136734	試片之檢驗區反應值偵測方法	TW	12/19/2002	B
	92200372	共用光源之掃描器	TW	1/9/2003	B
	91220176	排線具有凸緣之掃描器	TW	12/12/2002	B
	91220425	掃描器光學引擎之殼體結構	TW	12/17/2002	B
	91138111	結合點光源與單一透鏡之裝置	TW	12/31/2002	B
	91138107	可校正環境溫度效應之生物感測器及其方法	TW	12/31/2002	B
	91138110	可提高測量可信度之生物晶片及其方法	TW	12/31/2002	B
	91133671	影像擷取裝置之使用者介面及其影像資料分析方法	TW	11/15/2002	B
	92118316	具多段偏壓調整之生物感測器及其方法	TW	7/4/2003	B
	80206257	全自動高速光學字元辨認機	TW	5/27/1991	B
	78301361	掌上型光學閱讀機	TW	3/8/1989	B
	77201235	簡易光線折疊裝置	TW	2/6/1988	B
	76308096	光學閱讀機	TW	12/30/1987	B
	80202515	彩色光學閱讀機掃描裝置	TW	3/5/1991	B
	83106487	一種光學掃描機之操作介面方法	TW	7/16/1994	B
	91209524	多鏡片反射之光程裝置	TW	6/25/2002	B
	91208867	掃描器之可變光程調整結構	TW	6/14/2002	B
	92200440	可避免灰塵附著反射鏡之光程裝置	TW	1/10/2003	B
	91211872	驅動皮帶固定機構	TW	8/2/2002	B
	91208606	直立式光學掃描器之掀蓋改良結構	TW	6/11/2002	B

# Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	91209774	掃描器之掃描物定位裝置	TW	6/28/2002	B
	91212878	光學掃描器光源機構之改良	TW	8/20/2002	B
	92202686	掃描器之自動饋紙傳動裝置	TW	2/21/2003	B
	91206614	具彈性嵌固機構之軸套構件	TW	5/10/2002	B
	91120046	光學機構調校圖形介面及其運作方法	TW	9/3/2002	B
	91210213	掃描器之光藕合元件固定結構	TW	7/5/2002	B
	91124952	分辨影像動態範圍的方法	TW	10/25/2002	B
	91216591	掃描器輪座與承座之配合結構	TW	10/18/2002	B
	92208059	影像掃描之光源模組	TW	5/2/2003	B
	91132835	反射片集光機構	TW	11/7/2002	B
	91133324	具可調式光開口之掃描器	TW	11/14/2002	B
	89110327	面光源的補償方法	TW	5/29/2000	B
	90131785	擷取文件的裝置與方法	TW	12/21/2001	B
	91114465	可拖曳並格式化影像之方法與裝置	TW	6/28/2002	B
	91117369	程式模組載入系統之方法	TW	8/1/2002	B
	91113001	文件運送裝置	TW	6/14/2002	B
	91136735	具有共同照射光源之掃描器	TW	12/19/2002	B
	91123655	應用匯流排電源之掃描器內部元件耗能分配架構與方法	TW	10/15/2002	B
	91124656	文件傳送式掃描機構	TW	10/24/2002	B
	91137719	讀取感測器的方法	TW	12/27/2002	B
	91125354	可調整迴轉區長度之掃描器及掃描方法	TW	10/25/2002	B
	91124586	掃描器集光裝置	TW	10/23/2002	B
	91125116	提昇掃描效率之方法	TW	10/25/2002	B
	92215729	發光二極體元件之發光模組	TW	8/29/2003	B
	91116444	皮帶張力調整機構	TW	7/24/2002	B
	91113724	資料讀取裝置及其操作方法	TW	6/24/2002	B
	91124955	降低影像雜訊的方法	TW	10/25/2002	B
	92122681	具定位功能之燈管夾持機構與組和方法	TW	8/18/2003	B
	83211591	彩色濾鏡傳動裝置	TW	8/11/1994	B
	86206103	自動對焦裝置	TW	4/18/1997	B
	86220576	重力式之影像切換裝置	TW	12/10/1997	B
	86119816	具分離式顯示器的數位相機	TW	12/26/1997	B
	88212809	隱藏式之相機觀景裝置	TW	7/30/1999	B
	88111555	掃描系統掃描頭與透射式光源相對位置測量之方法	TW	7/7/1999	B
	88115020	影像截取補償方法	TW	9/1/1999	B
	88115716	快速調整增益值與直流位準之電路與方法	TW	9/13/1999	B
	89112585	光學掃描器之濾光方法及機構	TW	6/20/2000	B
	89212174	具有音譜產生器之影像掃描裝置	TW	7/14/2000	B
	89213263	穿透式燈源之旋轉結構	TW	8/1/2000	B
	85211695A01	雙鏡片多次反射之光程裝置(追加一)	TW	10/17/2000	B
	90117052	自動饋進系統	TW	7/12/2001	B
	90125502	以光源亮度為迴授之控制及調整方法	TW	10/16/2001	B



**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	90119092	具有延伸式通用輸入輸出接腳之電路架構	TW	8/3/2001	B
	90119598	掃描器之RGB信號做色彩空間轉換之電路	TW	8/10/2001	B
	90218084	光學掃描器吊掛裝置	TW	10/23/2001	B
	90129159	光學掃描裝置之記憶體中影像資料排列方法	TW	11/26/2001	B
	90223759	掃描器光源	TW	12/31/2001	B
	91204203	光學感測器之散熱裝置及光學掃描模組	TW	4/2/2002	B
	90112060	影像掃描器的穿透式掃描光源	TW	5/21/2001	B
	90115905	偵測文件稿之掃描方法	TW	7/2/2001	B
	90119094	掃描裝置之對焦方法	TW	8/3/2001	B
	91120806	自動饋紙器	TW	9/11/2002	B
	88215476	數位的自動增益裝置設計	TW	9/10/1999	B
	90208701	掃描載具反射片之固定結構	TW	5/28/2001	B
	91116235	光機模組及列印模組之運動方法及其轉換裝置	TW	7/22/2002	B
	91120512	藉由校正資料參數調整影像之方法	TW	9/9/2002	B
	91120047	步進馬達線性加減速之控制方法與裝置	TW	9/3/2002	B
	91115260	附加文字於影像上之方法	TW	7/9/2002	B
	92105570	提昇步進馬達加減速特性的方法	TW	3/14/2003	B
	91213291	惰輪固定裝置	TW	8/26/2002	B
	91138175	具可移動之反射鏡之光學模組	TW	12/31/2002	B
	91121209	掃描方法	TW	9/17/2002	B
	91120045	掃描不規則物件的方法	TW	9/3/2002	B
	91133114	可伸縮之掃描器	TW	11/12/2002	B
	91138109	具有雙匯流之電子週邊裝置	TW	12/31/2002	B
	91125356	影像處理之方法	TW	10/25/2002	B
	92105045	聚光裝置及其製造方法	TW	3/4/2003	B
	92115216	可調式生物感測器之控制電路及其測量方法	TW	6/5/2003	B
	92107795	試片檢驗區檢測結果自動偵測方法	TW	4/4/2003	B
	92127383	光學儲存媒體讀取裝置	TW	10/3/2003	B
	92123159	發光二極體元件發光裝置	TW	8/22/2003	B
	92215554	光源裝置及應用此光源裝置之背光模組-2	TW	8/28/2003	B
	92215555	光源裝置及應用此光源裝置之背光模組	TW	8/28/2003	B
	92214984	光源裝置及應用此光源裝置之背光模組	TW	8/19/2003	B
	92216962	背光模組	TW	9/22/2003	B
	93203778	背光模組	TW	3/12/2004	B
	92222392	燈源模組及其反射罩	TW	12/22/2003	B
	93203781	直下式背光模組及其擴散片	TW	3/12/2004	B
	92306889	燈管光罩	TW	11/14/2003	B
	93202801	側光式光源裝置	TW	2/26/2004	B
	92307915	燈管光罩	TW	12/31/2003	B
	92306588	燈管光罩	TW	10/31/2003	B
	93300141	燈管光罩(五)	TW	1/9/2004	B
	93202802	側光式光源裝置	TW	2/26/2004	B
	88114230	自動送紙器之最佳掃描位置的決定方法	TW	8/20/1999	B
	89105447	掃描器上的凹面鏡光學系統裝置	TW	3/24/2000	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	91124946	掃描裝置上之光源聚光裝置	TW	10/25/2002	B
	91123798	陣列光源之排列最佳化的方法	TW	10/16/2002	B
	91119101	辨識異常影像的方法	TW	8/23/2002	B
	91121574	縮減掃描用傳輸接腳之控制器及方法	TW	9/20/2002	B
	91122470	反射組件	TW	9/30/2002	B
	91133683	具有多重電源模組之影像掃描裝置及其運作方法	TW	11/19/2002	B
	91114669	影像掃描之方法1	TW	7/2/2002	B
	91115259	影像掃描之方法2	TW	7/9/2002	B
	91122909	具有側邊反轉裝置之掃描器	TW	10/3/2002	B
	91125115	掃描模組之運動方法及提供其運動之引導機構	TW	10/25/2002	B
	91133091	可顯示預估掃描所需之執行時間之方法	TW	11/11/2002	B
	92202621	模組化光機	TW	2/19/2003	B
	91137814	掃描器以及掃描器內之掃描模組的設計方法	TW	12/30/2002	B
	92201973	掃描器載架之滾輪系統	TW	1/30/2003	B
	91123621	可縮短掃描時間之掃描方法	TW	10/14/2002	B
	91138106	結合掃描裝置及視訊裝置之影像裝置	TW	12/31/2002	B
	92201898	掃描器	TW	1/30/2003	B
	91124953	具有手寫輸入裝置的影掃描器	TW	10/25/2002	B
	91124465	線性度校正裝置與方法	TW	10/23/2002	B
	91125112	齒輪組結構及運用此結構之帶動掃描模組方法	TW	10/25/2002	B
	91125111	掃描器中影像位元輸出裝置與方法	TW	10/25/2002	B
	91123412	文件承載件之保護裝置	TW	10/11/2002	B
	91125114	降低影像雜訊的方法	TW	10/25/2002	B
	91124951	張應力反射鏡片固定裝置	TW	10/25/2002	B
	91125113	掃描裝置及倍增掃描裝置壽命的方法	TW	10/25/2002	B
	92203878	掃描器光機之傳動系統的改良	TW	3/13/2003	B
	92107792	判斷血醣濃度的方法	TW	4/4/2003	B
	92113950	使用多通道電路來提升血液量測可靠度的方法及裝置	TW	5/23/2003	B
	92113383	具有多通道及多增益電路之血液量測方法及裝置	TW	5/16/2003	B
	92118314	具多道輸入類比數位轉換之生物感測器及其方法	TW	7/4/2003	B
	89211698	滾動式導軌掃描裝置	TW	7/7/2000	B
	91211543	掃描器軸套之碰撞緩衝裝置	TW	7/26/2002	B
	91135356	影像接合與改善技術	TW	12/6/2002	B
	89211696	具緩衝滾輪組之掃描裝置	TW	7/7/2000	B
	89103947	掃描器之多次無方向性掃描方法	TW	3/6/2000	B
	10/054,984	Scanning apparatus utilizing gravity acceleration for scanning	US	01/25/2002	B
	09/769,232	Position set sturcture of scanner transmission components	US	1/24/2001	B
	09/939,120	Automatic document-scanning method for scanner	US	08/24/2001	B
	09/824,792	Method and apparatus for increasing scan resolution	US	04/04/2001	B
	10/045,431	Automatic photograph producer and producing method	US	01/11/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	09/984,902	Method for comprising an image in real time	US	10/31/2001	B
	10/604,544	automatic document feeding device for scanning apparatus	US	07/30/2003	B
	09/768,281	Apparatus and method for dark calibration of a linear CMOS sensor	US	01/25/2001	B
	09/779,399	Apparatus and method for controlling a scanner	US	02/08/2001	B
	09/839,208	System and method of capturing a digital picture	US	4/23/2001	B
	10/428,830	light source mechanism of scanner	US	05/05/2003	B
	09/815,130	Data transmission scheme for scanner	US	03/22/2001	B
	09/882,211	Transparent scanning light source for scanner	US	06/15/2001	B
	09/916,271	Method of reading pixel signals from a multiple staggered sensor	US	07/30/2001	B
	10/429,884	Light source device	US	05/06/2003	B
	09/883,195	Calibration method of an image-capture apparatus	US	6/19/2001	B
	09/927,834	Focusing apparatus of an automatic document feeder	US	08/10/2001	B
	09/940,358	Gray scale scanning method and system	US	08/27/2001	B
	10/604,528	Button structure and design method for latching prevention	US	07/29/2003	B
	09/962,712	Height adjustment structure	US	09/24/2001	B
	09/900,865	Back-light module for image scanning device and method for calibrating illumination with the back-light module	US	7/10/2001	B
	09/839,211	Apparatus and method of mapping look-up table in an imaging system	US	4/23/2001	B
	10/077,847	Circuit apparatus with extending general purpose input output pin	US	2/20/2002	B
	09/921,729	Transparency scanning module	US	08/03/2001	B
	10/443,075	method of automatically detecting a test result of a probe zone of a test strip	US	05/22/2003	B
	10/605,921	Image capturing device	US	11/06/2003	B
	09/922,252	Vibration compensation device and scanning method	US	08/03/2001	B
	09/924,883	Method of shortening multiple-image scanning duration	US	08/08/2001	B
	10/105,485	Method of automatically adjusting sharpening weighting value	US	3/26/2002	B
	09/920,387	Scanning speed control device and method	US	07/31/2001	B
	09/997,853	Scanner carrier	US	11/29/2001	B
	10/771,333	Method for Determining the Resolution of Blood Glucose	US	02/05/2004	B
	09/849,461	Method for determining a local compensation for pixel brightness	US	05/04/2001	B
	09/922,099	Compensation apparatus for image scan	US	08/03/2001	B
	10/604,391	Transmission mechanism of sheet feeder	US	07/17/2003	B
	09/832,098	Image scanning system and method for scanner	US	04/11/2001	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	09/929,331	Document-loading panel structure for scanner	US	08/14/2001	B
	10/604,390	Supporting structure for platform in scanner	US	07/17/2003	B
	09/940,829	Method of changing driving sequence to output charge couple device signal	US	08/27/2001	B
	10/233,630	Method for loading a program module in an operating system	US	9/4/2002	B
	10/604,343	optical scanner	US	07/14/2003	B
	09/955,845	Method for enhancing scan resolution	US	09/17/2001	B
	09/903,670	High-speed calibration method and system for an image-capture apparatus	US	7/13/2001	B
	09/956,118	Method and system for scanning with one-scan-and-done feature	US	09/20/2001	B
	10/385,715	Light source control method and apparatus of image scanner	US	03/12/2003	B
	09/956,111	Scanning method and scanning system free of identifying original's attribute	US	9/20/2001	B
	10/728,828	Illumination module of light emitting elements	US	12/08/2003	B
	09/967,713	Document holding fixture	US	09/27/2001	B
	10/041,315	Module for increasing total track	US	1/8/2002	B
	09/948,611	Photographic film scanning device	US	09/10/2001	B
	09/978,138	Optical scanner equipped with plug-in calibration film	US	10/15/2001	B
	09/984,109	Document retainer for vertically oriented image scanning	US	10/29/2001	B
	10/316,049	Method for establishing a long-term profile of blood sugar level aiding self-control of the same	US	12/11/2002	B
	10/605,920	Light guide plate structure and back light module	US	11/06/2003	B
	09/827,061	Optical chassis of plating film reflection and its manufacturing procedure	US	04/05/2001	B
	10/005,784	Stagger sensor and method for improving modulation transfer function	US	11/08/2001	B
	09/997,647	Dual light source voltage-modulated reciprocal control circuit for scanner	US	11/27/2001	B
	09/990,291	Image apparatus with batch scan and real time display and method of the same	US	11/23/2001	B
	09/998,519	High-resolution sensing method for scanner	US	11-27-2001	B
	09/984,100	Method for scanning selected target image area of document	US	10/29/2001	B
	09/898,610	Automatic determination method for color scanning mode of scanner	US	07/03/2001	B
	10/605,922	Lamp module for planar source device	US	11/06/2003	B
	10/047,680	Method of effacing zipper image	US	01/14/2002	B
	10/347,368	Light gathering apparatus of scanner	US	01/21/2003	B
	10/368,498	Image correction method	US	02/18/2003	B
	10/373,279	Light-path device of curved-surface mirror	US	02/24/2003	B
	10/226,199	Image scanning method	US	8/23/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	10/330,144	Chassis locking apparatus capable of being unlocked spontaneously	US	12/30/2002	B
	10/331,982	Method for adding a text to an image	US	12/31/2002	B
	10/334,798	Method for detecting a response of each probe zone on a test strip	US	01/02/2003	B
	10/403,093	Scanner with a lateral reversing device	US	04/01/2003	B
	10/063,054	Linear guiding mechanism	US	03/15/2002	B
	10/417,207	lens module with adjustable magnification	US	04/17/2003	B
	10/390,602	method for determining a response of each probe zone on a test strip	US	03/19/2003	B
	10/249,402	CMOS light sensor and operation method thereof	US	04/07/2003	B
	10/662,258	Image compensating method	US	09/15/2003	B
	10/662,859	Scanning method capable of reducing the scanning period	US	09/15/2003	B
	10/491,116	method for improving modulation transfer function of an image	US	3/26/2004	B
	10/695,022	Scanning module movement process and guiding structure therefor	US	10/27/2003	B
	10/604,251	Operating method and changer for optical module/printer module system	US	07/04/2003	B
	10/256,425	Light-focusing for image-gathering device and method	US	9/27/2002	B
	10/718,567	Apparatus with a combination of a point light source and a single lens	US	11/24/2003	B
	10/605,355	scanning device and method using paired differential analog signals	US	09/25/2003	B
	10/609,617	Biosensor for monitoring an analyte content with a partial voltage generated therefrom	US	07/01/2003	B
	10/320,681	Shading noise filter	US	12/17/2002	B
	10/410,292	method for determining the concentration of blood glucose	US	04/10/2003	B
	10/199,001	System and method of a scanning moudle incorporated with a printer head	US	7/22/2002	B
	10/605,652	optical scanner	US	10/15/2003	B
	10/064,265	Scanning circuit structure	US	6/27/2002	B
	10/064,252	Shock-absorber strucutre for scanning apparatus	US	06/26/2002	B
	10/068,278	Method of sequencing image data inside memory of optical scanning device	US	02/06/2002	B
	10/063,433	Method and apparatus for fastening adjustable optical lenses	US	04/23/2002	B
	10/063,436	Circuit module integrating a light driver and an optical	US	04/23/2002	B
	10/063,055	Document surface micro-adjust mechanism	US	03/15/2002	B
	10/174,920	Changeable means for different total tracks and its method	US	06/19/2002	B
	10/108,354	Scan Method	US	03/29/2002	B
	10/142,386	Axle sleeve apparatus for optical chassis	US	05/08/2002	B
	10/263,178	Scanning apparatus	US	10/03/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	10/144,697	Optical image scanning device with fluorescent layer as back light	US	5/15/2002	B
	10/166,750	Optical carriage of scanner and method for the same	US	6/12/2002	B
	10/136,350	Method for correcting magnification	US	05/02/2002	B
	10/288,587	Scanner with a transparent module for providing scanning background	US	11/06/2002	B
	10/065,611	Method of removing memory of scanning apparatus	US	11/04/2002	B
	10/121,545	Method for increasing signal to noise ratio	US	04/15/2002	B
	10/263,183	Scanning apparatus	US	10/03/2002	B
	10/270,328	Movable locking device for a scanner and locking method for the same	US	10/15/2002	B
	10/251,214	Method and device for drawing and formatting image	US	09/20/2002	B
	10/211,268	Image processing method for facilitating data transmission	US	08/05/2002	B
	10/722,549	Biosensor with multi-channel A/D conversion and a method thereof	US	11/28/2003	B
	09/925,002	Scanning device and method for saving compensation memory	US	08/08/2001	B
	10/644,923	Method for reading sensor	US	08/21/2003	B
	09/967,569	Automatic static image capturing device and method	US	09/27/2001	B
	10/249,421	method for scanning the irregular object	US	04/08/2003	B
	10/233,592	Method for generating calibration curve	US	9/4/2002	B
	10/060,702	Repeatedly sampling method for image scanning	US	1/30/2002	B
	10/054,961	Two-directions scanning method	US	1/25/2002	B
	10/035,516	Method for detecting the alignment of document in an automatic document feeder	US	11/9/2001	B
	10/034,860	Circuit of sanner to perform color space conversion on RGB signal	US	12/27/2001	B
	09/985,057	Method and system for increasing scanning speed	US	11/1/2001	B
	10/107,451	Optical scanner apparatus with an optical well imaging device	US	3/28/2002	B
	09/967,715	Automatic scanning parameter setting device and method	US	09/27/2001	B
	10/248,310	Error Reporing and Correcting Method for Peripheral	US	01/08/2003	B
	10/135,760	Optical scanner apparatus with pinhole imaging device	US	5/1/2002	B
	10/281,553	Method for correcting negative film image with nagative film interval	US	10/28/2002	B
	10/233,597	Method for recognizing abnormal image	US	09/04/2002	B
	10/256,962	Structure of light-source module	US	9/27/2002	B
	10/020,439	Calibration method of an image scanning system	US	12/18/2001	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	10/059,293	Handheld multi-function peripheral capable of scanning	US	01/31/2002	B
	10/064,700	Double-side image scanner and scanning method of the same	US	08/08/2002	B
	10/064,907	Method for determining restored position	US	08/28/2002	B
	10/281,307	Method for differentiating dynamic range of image	US	10/28/2002	B
	09/977,847	Method and system for automatic scanning system	US	10/16/2001	B
	10/605,918	Optical medium storage reading device	US	11/06/2003	B
	10/013,887	Method of compensating zipper image by K-value and method calculating K-value	US	12/10/2001	B
	10/064,385	Method for replacing language of user interface without having to restart application	US	07/09/2002	B
	10/007,729	Image scanner	US	11/9/2001	B
	10/206,198	Method for selecting a shading correcting line	US	7/29/2002	B
	10/011,711	Method and system for promoting scanning speed	US	12/11/2001	B
	10/029,846	Apparatus and method for capturing a document	US	12/31/2001	B
	10/064,612	Image correction method able to avoid error image	US	07/31/2002	B
	10/193,242	Scanner with foolproof function of inputting units and method of functioning	US	7/12/2002	B
	10/053,057	Transmission device for name card scanner	US	11/10/2001	B
	10/103,834	System and method for switching screens from overview and preview	US	3/25/2002	B
	10/200,225	Image processing method for facilitating data transmission	US	7/23/2002	B
	10/237,658	Method for adjusting image data with shading curve	US	9/10/2002	B
	10/425,872	optical module with movable reflective mirrors	US	04/30/2003	B
	10/063,446	Method and structure fore changing a scanning resolution	US	04/24/2002	B
	10/063,739	Floating window	US	05/09/2002	B
	10/063,782	Scanning chassis with a light transparent slot	US	05/13/2002	B
	10/695,327	Method for reducing image noise	US	10/27/2003	B
	10/195,363	Layout of the optical path in the image capturing system and the method for forming the same	US	7/16/2002	B
	10/248,866	Method of operating a double-sided scanner	US	02/26/2003	B
	10/065,171	Linear guiding apparatus	US	09/24/2002	B
	10/065,353	Full-zone optical image addressing apparatus	US	10/08/2002	B
	10/065,354	Scanner having a self-collection light sourceself-collection	US	10/08/2002	B
	10/065,384	Light-channeling apparatus	US	10/11/2002	B
	10/664,936	Optical device of scanner	US	09/22/2003	B
	10/368,470	Image device combined with scanning device and video device	US	02/20/2003	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	10/064,704	Image compensation structure and compensation method	US	08/08/2002	B
	10/317,175	Apparatus for monitoring specific substances in a fluid	US	12/12/2002	B
	10/252,705	Method of focusing a selected scanning area for document scanning device	US	9/24/2002	B
	10/192,511	Method for scanning by using a virtual frame holder	US	7/11/2002	B
	10/211,699	Positioning device for scanned object of scanner	US	8/2/2002	B
	10/020,973	Method for automatically identifying scan area	US	12/19/2001	B
	10/119,959	Luminous apparatus capable of adjusting the luminance	US	4/11/2002	B
	10/255,965	Accelerative noise filtering method for image data	US	9/27/2002	B
	10/307,395	Photographic device with short total trace	US	12/2/2002	B
	10/726,534	Chip with measuring reliability and a method thereof	US	12/04/2003	B
	10/063,434	Scanning method by using sheet feed scanner	US	04/23/2002	B
	10/337,093	Method for selecting and adjusting ascanner illuminant	US	01/06/2003	B
	10/248,207	Image scanning method	US	12/27/2002	B
	10/227,849	Document scanner with light focusing device	US	8/27/2002	B
	10/739,415	Method for Improving a reading resolution of a biosensor	US	12/19/2003	B
	10/684,711	Image processing method	US	10/15/2003	B
	10/012,644	Depth of field adjustment device and method for an automatic document feeder	US	11/13/2001	B
	10/308,727	Light-source mechanism for optical scanner	US	12/3/2002	B
	10/237,957	Method of optimal focusing for document scanner	US	9/10/2002	B
	10/604,542	Scanning method	US	07/30/2003	B
	10/623,597	Optical path device	US	07/22/2003	B
	10/605,328	scan device and a method for enhancing the life of the same	US	09/23/2003	B
	10/605,164	optical scanning module	US	09/12/2003	B
	10/604,172	scanner and associated scanning head design	US	06/30/2003	B
	08/649,307	Batch scanning method for an image input system	US	05/17/1996	B
	09/756,263	Scanner driving device	US	01/09/2001	B
	09/746,572	Drive mechanism of optical scanner	US	12/22/2000	B
	09/826,625	Focusing mechanism and method of scanner	US	4/5/2001	B
	09/886,827	Scanning device	US	06/21/2001	B
	09/808,504	Apparatus and method for directly uploading scanned i	US	3/14/2001	B
	09/796,628	Apparatus and method for directly activating an applica	US	03/02/2001	B
	09/799,538	Input apparatus and method of scanners having compo	US	03/07/2001	B
	09/827,060	Optical-path apparatus of two-lense and multi-reflection	US	04/05/2001	B



### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	09/790,744	Output method of different color channels of balanced	US	02/22/2001	B
	09/745,872	Dual direction driving apparatus and method for driving	US	12/26/2000	B
	09/746,818	Scanning method for adjusting Y-axis modulation trans	US	12/22/2000	B
	09/768,059	Apparatus and method for implementing resetting and	US	01/24/2001	B
	09/768,614	Apparatus and method for output signal with correspon	US	1/25/2001	B
	09/769,225	CONTRACTIBLE OUTER-SHELL APPARATUS OF A	US	1/24/2001	B
	09/791,021	Scanner message display system and method thereof	US	02/22/2001	B
	09/793,622	Dynamically focusing method for image scanning devic	US	02/27/2001	B
	09/793,944	Integrated Scanning device for reflection scanning and	US	02/27/2001	B
	09/793,548	System and method for communications between com	US	02/27/2001	B
	09/909,922	Scanning apparatus capable of engaging an automatic	US	07/20/2001	B
	09/817,284	Focus calibrating method for image scanning device by	US	03/27/2001	B
	09/827,063	Optical chassis pasted with plating film reflection thin p	US	4/5/2001	B
	09/836,176	Scanning head module	US	4/18/2001	B
	09/842,851	OPTICAL SCANNER	US	4/27/2001	B
	09/870,514	AUTOMATIC DOCUMENT FEEDER FOR AN IMAGE	US	6/1/2001	B
	09/878,623	Optical system for scanner	US	06/11/2001	B
	09/898,409	Apparatus and method for reducing transmission noise	US	07/03/2001	B
	09/900,869	Power management system for scanner by detecting to	US	7/10/2001	B
	09/990,993	Optical system	US	11/13/2001	B
	09/930,844	Scanning method with two exposure steps	US	08/14/2001	B
	09/956,116	Method for capturing images useful in a scanning syste	US	09/20/2001	B
	09/968,005	Apparatus and method for controlling a stepping motor	US	10/02/2001	B
	09/977,309	Method for improving utilization of a defective memory	US	10/16/2001	B
	09/978,424	Document inspection method for auto feeding device	US	10/15/2001	B
	10/032,884	METHOD FOR SCANNING AND AUTOCROPPING T	US	10/29/2001	B
	10/033,310	Image-autocrop method for calibrating image-input	US	10/29/2001	B
	10/005,535	Method of enhancing modulation transfer function perfe	US	11/08/2001	B
	10/010,588	Shaft sleeve of a scanner	US	11/13/2001	B
	10/065,614	Clock control method for preventing charge couple dev	US	11/04/2002	B
	10/020,438	Apparatus for projection and capture of a display interf	US	12/18/2001	B
	10/029,872	Stepping motor controlling device and method thereof	US	12/31/2001	B
	10/174,888	Optical device and method for scanner	US	06/19/2002	B
	10/103,243	Scanning method and apparatus for distinguishing	US	3/21/2002	B
	10/109,890	Light focusing and dispersing apparatus of light source	US	4/1/2002	B
	10/105,484	Image compensation method of image scanner	US	3/26/2002	B
	10/132,158	Automatic document-feeding apparatus	US	4/26/2002	B
	10/063,738	Ligit-blocking structure on optical lens mounting device	US	05/09/2002	B
	10/449,078	light source for condensing light	US	06/02/2003	B
	10/065,170	Data reading apparatus and operating method thereof	US	09/24/2002	B
	10/449,077	compensating light source capable of compensating fo	US	06/02/2003	B
	10/064,299	Document guiding device	US	07/01/2002	B
	10/064,577	Scrollbar-less control button and method	US	07/29/2002	B
	10/270,660	Optical sensor device for receiving light signal	US	10/16/2002	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	10/191,527	STRUCTURE OF NON-CIRCULAR LENS HOLDER	US	7/10/2002	B
	10/462,860	light collection member with a reflection part	US	06/17/2003	B
	10/196,254	DOCUMENT FEEDING SYSTEM	US	7/17/2002	B
	10/198,136	Lamp protection device	US	7/19/2002	B
	10/064,702	Adjustable converging device	US	08/08/2002	B
	10/216,853	Apparatus of linear staggered sensors	US	8/13/2002	B
	10/064,798	Light source module with illumination uniformity	US	08/19/2002	B
	10/431,076	Automatic document feeder	US	05/07/2003	B
	10/245,693	Light source steadying assembly	US	9/18/2002	B
	10/406,496	light source of LED for scanner	US	04/04/2003	B
	10/390,601	Mirror holder combination apparatus	US	03/19/2003	B
	10/248,312	Sheet feed image scanning apparatus	US	01/08/2003	B
	10/426,872	user interface of an image capturing apparatus and an	US	05/01/2003	B
	10/421,194	scanner with an adjustable opening for receiving light	US	04/23/2003	B
	10/605,358	method for optimizing arrangement of light source array	US	09/25/2003	B
	10/308,726	Fine-tuning structure of sensing element	US	12/2/2002	B
	10/319,640	Light source spotlight device of a scan device	US	12/16/2002	B
	10/248,228	Retractable scanner	US	12/30/2002	B
	10/341,492	Variable-curvature lens system and method for adjusting	US	01/14/2003	B
	10/347,405	Scanner and scanning method having adjustable length	US	01/21/2003	B
	10/368,921	Illumination module and method of manufacturing the same	US	02/18/2003	B
	10/248,865	Document Sheet Conveying Apparatus	US	02/26/2003	B
	10/248,869	Power consumption distribution structure and method for	US	02/26/2003	B
	10/249,789	Planar-light apparatus with a non-straight direction light	US	05/08/2003	B
	10/606,014	Light source module and method for design the same	US	06/24/2003	B
	10/618,879	Transmitting system in scanner chassis	US	07/14/2003	B
	10/407,211	holder for variable-sized image recording mediums	US	04/07/2003	B
	10/443,074	Apparatus and method for linear correcting	US	05/22/2003	B
	10/461,338	light guide plate for a backlight module	US	06/16/2003	B
	10/645,563	Battery power detecting method and device	US	08/22/2003	B
	10/662,392	Multi-stage mirror holding apparatus	US	09/16/2003	B
	07/689,209	FILTER DRIVING MECHANISM FOR COLOR OPTICAL READER	US	10/31/1990	B
	07/703,747	HIGH SPEED SINGLE-PASS SCANNING DEVICE FOR COLOR OPTICAL READER	US	5/21/1991	B
	08/277,819	BUFFER DEVICE FOR PACKINGS	US	7/20/1994	B
	08/281,401	DRAWING MEANS OF MOVABLE BASE BOARD FOR OPTICAL SCANNER	US	7/26/1994	B
	08/304,276	COLOR FILTER TRANSMISSION APPARATUS	US	9/12/1994	B
	08/153,749	DIGITAL SIGNALS TO ACHIEVE	US	11/17/1993	B
	08/153,751	TWO CLOCK METHOD FOR SYNCHRONIZING A PLURALITY OF IDENTICAL PROCESSORS CONNECTED IN PARALLEL	US	11/17/1993	B

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	08/257,570	TRANSMISSION SYSTEM FOR A DOCUMENT FEEDER	US	6/10/1994	B
	08/499,786	MULTI-LENS CHANGING MECHANISM FOR USE IN OPTICAL SCANNERS	US	7/7/1995	B
	08/789,976	BUFFERING PAD FOR DEVICE PACKAGES	US	4/18/1997	B
	09/097,444	APERTURE SELECTION MECHANISM FOR CAMERA	US	6/15/1998	B
	09/063,548	LENS MOVEMENT MECHANISM FOR DIGITAL CAMERA	US	4/20/1998	B
	09/131,036	APERTURE SWITCHING DEVICE	US	8/7/1998	B
	08/967,977	METHOD FOR ACCURATELY DETECTING A USER DEVICE ID BY SAMPLING THE DEVICE TO OBTAIN	US	11/12/1997	B
	09/048,957	PAPER-FEEDING MECHANISM FOR A DOCUMENT DUPLICATING MACHINE	US	3/26/1998	B
	09/048,958	PAPER-LOADING MECHANISM FOR A DOCUMENT DUPLICATING MACHINE	US	3/26/1998	B
	09/067,171	DEVICE FOR HOLDING AND MOVING A CONTACT IMAGE SENSOR	US	4/27/1998	B
	09/373,607	LENS SWITCH APPARATUS	US	8/3/1999	B
	09/191,536	APPARATUS FOR SKEW CORRECTION IN CUT-SHEET PAPER FEEDING	US	11/13/1998	B
	09/481,401	OPTICAL SCANNERS WITH ADJUSTABLE RESOLUTION	US	1/12/2000	B
	09/063,549	IMAGING CARTRIDGE FOR A COMPUTER SYSTEM	US	4/20/1998	B
	09/340,733	MULTI-BLADE LENS-APERTURE CONTROL MECHANISM	US	6/29/1999	B
	10/626,200	METHOD AND USER INTERFACE FOR PERFORMING AN AUTOMATIC SCAN OPERATION FOR A SCANNER COUPLED TO A COMPUTER SYSTEM	US	7/22/2003	B
	09/683,870	COMMON CONNECTIVE INTERFACE SYSTEM FOR LINKING SCANNER AND PERIPHERAL DEVICE	US	5/13/2002	B
	08/421,955	FULL TEXT SEARCH AND EVENT TRIGGERING METHOD AND DEVICE	US	4/14/1995	B
	08/421,992	SCANNER ACTUATING METHOD	US	4/14/1995	B
	08/450,718	BUFFERING WRAPPER FOR PACKING ARTICLES IN PACKAGES	US	5/25/1995	B
	08/517,899	Improved Paper-Feeding Structure for on Optical Scanner Machine	US	8/22/1995	B
	08/544,477	METHOD AND SYSTEM FOR PARALLEL IMAGE PROCESSING AND TRANSMISSION USING DIVIDE AND CONQUER	US	10/18/1995	B
	08/560,310	3D IMAGE SYSTEM	US	11/17/1995	B
	08/713,738	DUAL-MIRROR MULTI-REFLECTION OPTICAL PATH FOLDING APPARATUS	US	9/13/1996	B

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	08/713739	MULTIPLE SCANNING APPARATUS	US	9/13/1996	B
	08/713740	A LIGHT SOURCE FOR AN OPTICAL SCANNER	US	9/13/1996	B
	08/743756	SEPARATELY WEIGHTED MULTI-SAMPLED IMAGE SIGNALPROCESSING APPARATUS	US	11/7/1996	B
	08/761822	METHOD AND APPARATUS FOR DOCUMENT SIZE CALIBRATION BETWEEN SCANNER AND PRINTER WITHOUT THE USE OF ORIGINAL	US	12/6/1996	B
	08/780537	IMAGE SIGNAL PROCESSING APPARATUS	US	1/9/1997	B
	08/789977	SCANNING APPARATUS WITH A SINGLE LIGHT SOURCE FOR SCANNING REFLECTIVE AND TRANSMISSIVE DOCUMENTS	US	1/28/1997	B
	08/808405	APPARATUS AND METHOD FOR COMPENSATING MOVING DISTORTION OF DIGITAL SCANNING	US	2/28/1997	B
	08/814572	KNOCKDOWN COMPOSITE PACKAGE STRUCTURE	US	3/10/1997	B
	08/816987	TRANSPARENCY OPTICAL SCANNER	US	3/13/1997	B
	08/857420	LIGHT SHUTTER APPARATUS FOR OPTICAL SCANNER	US	5/16/1997	B
	08/862888	APPARAUS OF AN IMAGE PROCESSING USING DISTINCTIVE CONTROL	US	5/23/1997	B
	08/865621	AUTO-FOCUS MECHANISM	US	5/9/1997	B
	08/870173	WINDOW ASSEMBLY MECHANISM FOR OPTICAL SCANNER	US	6/6/1997	B
	08/901980	RECEPTACLE WITH WIDE-ANGLE HINGE TRUCTURE	US	7/29/1997	B
	08/968322	DIGITAL CAMERA WITH A DETA CHABLE DISPLAY	US	11/12/1997	B
	08/969043	DIGLTAL CAMERA WITH A DETACHABLE LENS	US		B
	08/997830	SECURITY CHECK SYSTEM	US	12/24/1997	B
	09/017110	APERTURE SELECTOR FOR CAMERA LENS	US	1/31/1998	B
	09/027448	FIXATION DEVICE FOR THE CHASSIS OF AN OPTICAL SCANNER	US	2/20/1998	B
	09/063537	OPTICAL SCANNER FOR TRANSPARENT DOCUMENT	US	4/4/1998	B
	09/070153	A CMOS-TYPE IMAGE INFORMATION READING APPARATUS	US	4/30/1998	B
	09/080756	CAMERA APERTURE CHANGE DEVICE	US	5/18/1998	B
	09/109763	APPARATUS AND METHOD FOR INCREASING SCANRESOLUTION	US	7/6/1998	B
	09/119214	Improved builtin scanner structure	US		B
	09/157515	METHOD FOR COMPRESSING THE DATA FROM AN IMAGE CAPTURE DEVICE	US	9/21/1998	B
	09/159829	CIRCUIT BOARD TESTING DEVICE	US	9/24/1998	B

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	09/193182	PROTABLE IMAGE SCANNING DEVICE	US	11/16/1998	B
	09/223381	A MULTIPHASE AND MULTIPROFILE GEAR STRUCTURE	US	12/30/1998	B
	09/236561	APPARATUS AND METHOD FOR ADJUSTING EXPOSURE IN A CAMERA	US	1/26/1999	B
	09/243802	OPTICAL REFLECTION PANAL	US	2/3/1999	B
	09/299087	DOCUMENT MOVABLE SCANNER	US	4/26/1999	B
	09/365774	METHOD FOR ELIMINATING THE OCCURRENCE OF IRREGULARLIONES ON A SCANNED IMAGE	US	8/3/1999	B
	09/392560	OPTICAL PATH VARYING MECHANISM FOR IMAGE SCANNING DEVICE	US	9/9/1999	B
	09/392955	COLOR DIGITAL IMAGING DEVICE CAPABLE OF LIGHT SOURCE SELECTIONS AND AFTER-SHOT RECOVERY	US	9/9/1999	B
	09/395427	SCAN SPEED ENHANCEMENT METHOD AND SYSTEM FOR A SCANNER COUPLED TO A COMPUTER SYSTEM	US	9/14/1999	B
	09/397519	METHOD OF USING A CHANGEABLE STOP FOR ENHANCING SCANNER RESOLUTION	US	9/17/1999	B
	09/447601	FAST GAIN VALUE AND DIRECT CURRENT VOLTAGELEVEL CORRECTION CIRCUIT AND PROCESS	US	11/23/1999	B
	09/448398	METHOD OF IMAGE SELECTING AND COMPENSATION	US	11/23/1999	B
	09/451423	METHOD OF SIMULATING PERIPHERAL DEVICE PUSH BUTTONS USING COMPUTER KEYBOARD	US	11/30/1999	B
	09/495383	TWO-SIDE SCANNER	US	2/1/2000	B
	09/518023	METHOD OF PROVIDING A SEMI-TRANSPARENT GRAPHICAL USER INTERFACE DISPLAY EFFECT ON A COMPUTER DISPLAY SCREEN	US	3/3/2000	B
	09/541626	METHOD OF COMBINING WARM UP AND PREVIEW FOR SCANNER	US	4/3/2000	B
	09/576738	TRANSMISSION MECHANISM FOR DRIVING A CONTACT-TYPE IMAGE SENSOR MODULE OF A SCANNER	US	5/23/2000	B
	09/606749	ADJUSTMENT DEVICE FOR LIGHT INTENSITY IN AN OPTICAL SCANNER	US	6/29/2000	B
	09/618599	FEEDBACK CONTROL SYSTEM FOR SCANNER	US	7/17/2000	B
	09/621503	DUAL PURPOSE SCANNING METHOD FOR TRANSPARENT AND REFLECTIVE	US	7/21/2000	B
	09/627822	SCANNER WITH AN ORGANIC LIGHT EMITTING DIODE	US	7/28/2000	B
	09/630185	EXPANDABLE SCANNER	US	8/1/2000	B

### Attachment 1

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	09/635220	METHOD OF DRIVING A STEPPING MOTOR IN A SCANNER	US	8/10/2000	B
	09/637810	METHOD FOR DETERMINING CALIBRATION POSITION OF UPPER TRANSPARENCY ADAPTER	US	8/11/2000	B
	09/658447	AN IMPROVED POWER SAVING MODULE FOR SCANNERS	US	9/8/2000	B
	09/660620	SCANNER WITH ADJUSTABLE PHASE CLOCK DEVICE BUT NO DIGITAL BUFFERS	US	9/13/2000	B
	09/660621	INSTALLATION OF A DC MOTOR ENCODER OF AN OPTICAL SCANNER	US	9/13/2000	B
	09/662053	METHOD AND APPARATUS FOR HIGH RESOLUTION OUTPUT OF A SCANNED OBJECT	US	9/15/2000	B
	09/671287	IMAGE SCANNER WITH MULTI-SENSOR	US	9/27/2000	B
	09/675445	CHARGE COUPLE DEVICE WITH BUILT-IN BUFFER	US	9/28/2000	B
	09/678844	METHOD AND APPARATUS FOR INPUT SCANNER CHARACTERISTIC VALUES	US	10/4/2000	B
	09/684097	A LEVEL REVISER OF A SCANNER SHELF	US	10/6/2000	B
	09/690760	FILTERING METHOD AND MECHANISM FOR SCANNERS	US	10/18/2000	B
	09/690762	AN IMPROVED METHOD OF SUING INFRARED LIGHT FOR OPTICAL SCANNERS	US	10/18/2000	B
	09/697067	TRANSMISSION MECHANISM FOR SCANNER	US	10/26/2000	B
	09/697105	SELF-MOVABLE SCANNING APPARATUS	US	10/26/2000	B
	09/697107	GROOVE RAIL SCANNING APPARATUS	US	10/26/2000	B
	09/697623	SCANNING APPARATUS INCLUDING BUFFERING ROLLERS	US	10/26/2000	B
	09/697624	ROLLER GUIDE RAIL SCANNING APPARATUS	US	10/26/2000	B
	09/710717	SCANNER WITH STAGGERED CCD	US	11/10/2000	B
	09/715482	METHOD OF REDUCING COMPENSATION DATA DOWNLOADING IN SCANNER	US	11/17/2000	B
	09/715516	DATA BUS SHARING METHOD FOR SCANNER	US	11/17/2000	B
	10/064298	STAIRS MOUNTING TRANSPORT TROLLEY AND RELATED STAIRS MOUNTING METHOD	US	7/1/2002	B
	10/285273	CIRCULAR OPTICAL REFLECTION APPARATUS	US	10/31/2002	B
	10/323970	SCANNER WITH COMMON ILLUMINATION LIGHT SOURCE	US	12/20/2002	B
	10/645509	LENS MODULE	US	8/22/2003	B
	10/713042	SCANNING DEVICE HAVE ADJUSTABLE IMAGE AMPLIFICATION OF LENS	US	11/17/2003	B
	29/038444	CD-ROM	US	5/5/1995	B
	29/038445	PERSONAL SCAN DEVICE	US	5/5/1995	B

**Attachment 1**

Patent No.	Application No.	Title	Country	Filing Date	Asset Category
	29/090267	OPTICAL SCANNER	US	7/6/1998	B
	29/090322	OPTICAL SCANNER	US	7/6/1998	B
	09/207615	APPARATUS FOR PROCESSING VIDEO SIGNALS AND EMPLOYING PHASELOCKED LOOP	US	12/9/1998	B